TERMOCLIP

www.termoclip.com

FASTENING SYSTEMS

- Corrugated steel deck enclosure fastening systems
- Roofing fastening systems
- Roof drainage and vent systems
- Facade fastening systems
- Technical insulation fastening systems & wall tights
- Foundation drainage & dampproofing fastening systems

PROVIDING INNOVATIVE SOLUTIONS IN FASTENING SYSTEMS FOR THE CONSTRUCTION SECTOR

www.termoclip.com

Company:

Termoclip — Russian manufacturing company. Since 2003.

On the Russian and CIS states construction markets Termoclip company provides a wide range of products, complex professional solutions for the mechanical fastening system insulation, waterproof insulation, façade, fire-resistant materials. Termoclip develops and manufactures invariably hi-tech, safety and long-life anchoring elements in building cladding structure, unique drainage systems and roof ventilation.

Products:

- Fasteners for buildings and constructures
- Drainage systems and roof ventilation

Key benefits:

- High tech
- Reliable and durable
- Unique and patented
- Insured warranty

Vision:

Innovative solutions in the technological process at own production — EXCELLENT PHYSICAL AND MECHANICAL PROPERTIES and always High Quality of our products

Values:

- Employees, partners and customers
- Innovation, craftsmanship and quality
- Stability, efficiency, reliability

Complete production cycle:

- Laboratory
- Raw warehouse
- Plastic molding plant
- Stamping plant
- Cold forming plant
- Repairing shop
- Packing area
- Warehouse

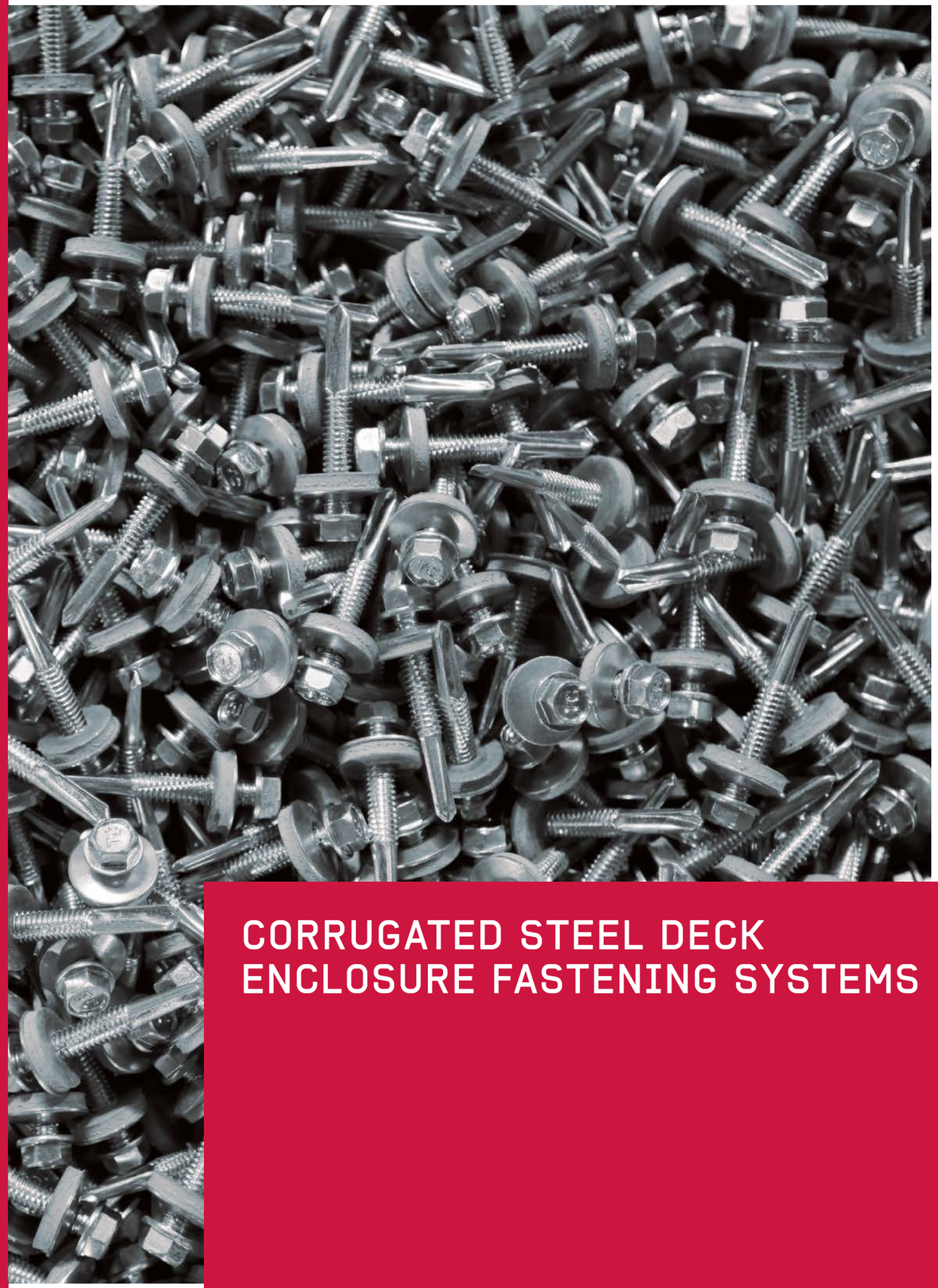
Key Advantages:

- Russian manufacturing company has complete production cycle
- Total quality control using the own company laboratory
- Wide range of manufacturing products make it possible to fix all types of insulation with different types of base material
- High strength technical characteristics provides using less fixing consequently saving costs
- Providing long on performance according with mechanical and environmental conditions Russia-wide
- Reduce Work due to ease montage and no waste during it
- Technical assistance and consulting throughout construction
- Insurance liabilities and warranty

MECHANICAL FASTENING SYSTEMS

Manufacturing area — 15 000 sq. m

- CDS 3 G16
- CDS 5 G16
- BFS 4,8 G14
- CHT 3 G19
- CHT 5 G19
- CS FT 6,3
- CFC H 6,3
- EDS-B 5,5
- WDHS-B 5,5
- HC
- A/A2
- A/A2 D11
- A2/A2
- A2/A2 D11
- A/US
- US/US



CORRUGATED STEEL DECK ENCLOSURE FASTENING SYSTEMS

CDS 3 G16

Self-drilling, thread-cutting screw with a washer (EPDM)

Material:
Produced in accordance with the German DIN 7504-K standard, made of C 1022 carbon steel with durable corrosion-resistant coating and completed with a steel washer with a grey or black vulcanized gasket (EPDM).

Use:
Used for attaching corrugated sheets to steel structures up to 5 mm thick.

22, 25, 32

CDS 5 G16

Self-drilling, thread-cutting screw with a washer (EPDM)

Material:
Produced in accordance with the German DIN 7504-K standard, made of C 1022 carbon steel with durable corrosion-resistant coating and completed with a steel washer with a grey or black vulcanized gasket (EPDM).

Use:
Used for attaching corrugated sheets to steel structures up to 14 mm thick.

32, 38, 60, 80

CHT 5 G19

Self-drilling, thread-cutting screw with a washer (EPDM)

Material:
Produced in accordance with the German DIN 7504-K standard, made of C 1022 carbon steel with durable corrosion-resistant coating and is completed with a steel washer with a grey vulcanized pad.

Use:
Used for fastening sandwich panels to steel structures up to 14 mm thick.

105, 135, 155, 185, 205, 215, 235

CS FT 6,3

Screw for fastening into concrete or brick foundation

Material:
Made of C 1022 carbon steel with durable corrosion-resistant coating.

Use:
Used for fastening into concrete or brick foundation.

45, 55

BFS 4,8 G14

Self-drilling, thread-cutting screw with conical reduced-size drill and washer (EPDM)

Material:
Produced in accordance with the German DIN 7504-K standard, made of C 1022 carbon steel with durable corrosion-resistant coating and completed with a steel washer with a grey vulcanized gasket (EPDM).

Use:
Used for linking corrugated metal sheets.

4,8×19

CHT 3 G19

Self-drilling, thread-cutting screw with a washer (EPDM)

Material:
Produced in accordance with the German DIN 7504-K standard, made of C 1022 carbon steel with durable corrosion-resistant coating and is completed with a steel washer with a grey vulcanized pad.

Use:
Used for fastening sandwich panels to steel structures up to 5 mm thick.

100, 130, 150, 180

CFC H 6,3

Screw for fastening sandwich panels into concrete or brick foundation.

Material:
Produced in accordance with the German DIN 7504-K standard, has a durable corrosion-resistant coating Dacromet, tested in Kesternich chamber (sulfur dioxide (SO2) testing) in accordance with DIN 50018 standard. When necessary can be completed with a steel/rust-proof washer Ø19 mm with a grey vulcanized pad EPDM.

Use:
Fastening sandwich panels into concrete or brick foundation.

100, 120, 140, 160, 190, 220, 240

HC

Hexagon plastic caps

Use:
To increase working life of fastening elements made of carbon steel, as well as for esthetic purposes, such elements can be completed with plastic caps which protect them from external hydrothermal attacks, as well as UV rays.

19

WDHS-B 5,5

Self-drilling, thread-cutting screw with two blades for drilling holes in wood

Material:
Made of C 1022 hardened carbon steel, has durable electroplated corrosion-resistant coating.
Use:
Fastening unit has a TORX T30W flat head and two blades for drilling holes in wood which allows drilling and thread-cutting in one operation both in wooden and metal foundation in order to fasten them.

⌀ 4.8, 5.0

EDS-B 5,5

Self-drilling, thread-cutting screw

Material:
Made of C 1022 carbon steel with durable corrosion-resistant coating Dacromet, tested in Kesternich chamber (sulfur dioxide (SO2) testing) in accordance with DIN 50018 standard.
Has high pull-out strength if fastened into a thin steel sheet 0,55 mm thick.
Use:
Used for completing disk-shaped or elongated pressure units to fasten into steel or wooden foundation.

25, 35, 45

A/A2

A breakstem rivet with an open end, a coming-off mandrel

Material:
The rivet sleeve is made of the aluminum alloy with magnesium content of 3,5% and the shank is made of anti-corrosive steel.
Use:
It is used for ventilated facade subsystem fastening.

⌀ 4.8, 5.0

A/A2 D11

A breakstem rivet with an open end, a coming-off mandrel and an enlarged rib

Material:
The rivet sleeve is made of the aluminum alloy with magnesium content of 3,5% and the shank is made of anti-corrosive steel.
Use:
It is used for ventilated facade subsystem fastening.

⌀ 5.0

A2/A2

Corrosion-resistant steel rivets with a standard rib

Material:
The rivet sleeve and the shank are made of corrosion-resistant steel.
Use:
It is used for ventilated facade subsystem fastening.

⌀ 3.0, 4.0, 4.8

A2/A2 D11

Corrosion-resistant steel rivets with an enlarged rib

Material:
The rivet sleeve and the shank are made of corrosion-resistant steel.
Use:
It is used for ventilated facade subsystem fastening.

⌀ 5.0

A/US

A breakstem rivet with an open end, a coming-off mandrel

Material:
The rivet sleeve is made of the aluminum alloy with magnesium content of 3,5% and the shank is made of carbon steel with the anti-corrosive resistant coating.
Use:
It is used for ventilated facade subsystem fastening.

⌀ 3.0, 4.0, 4.8

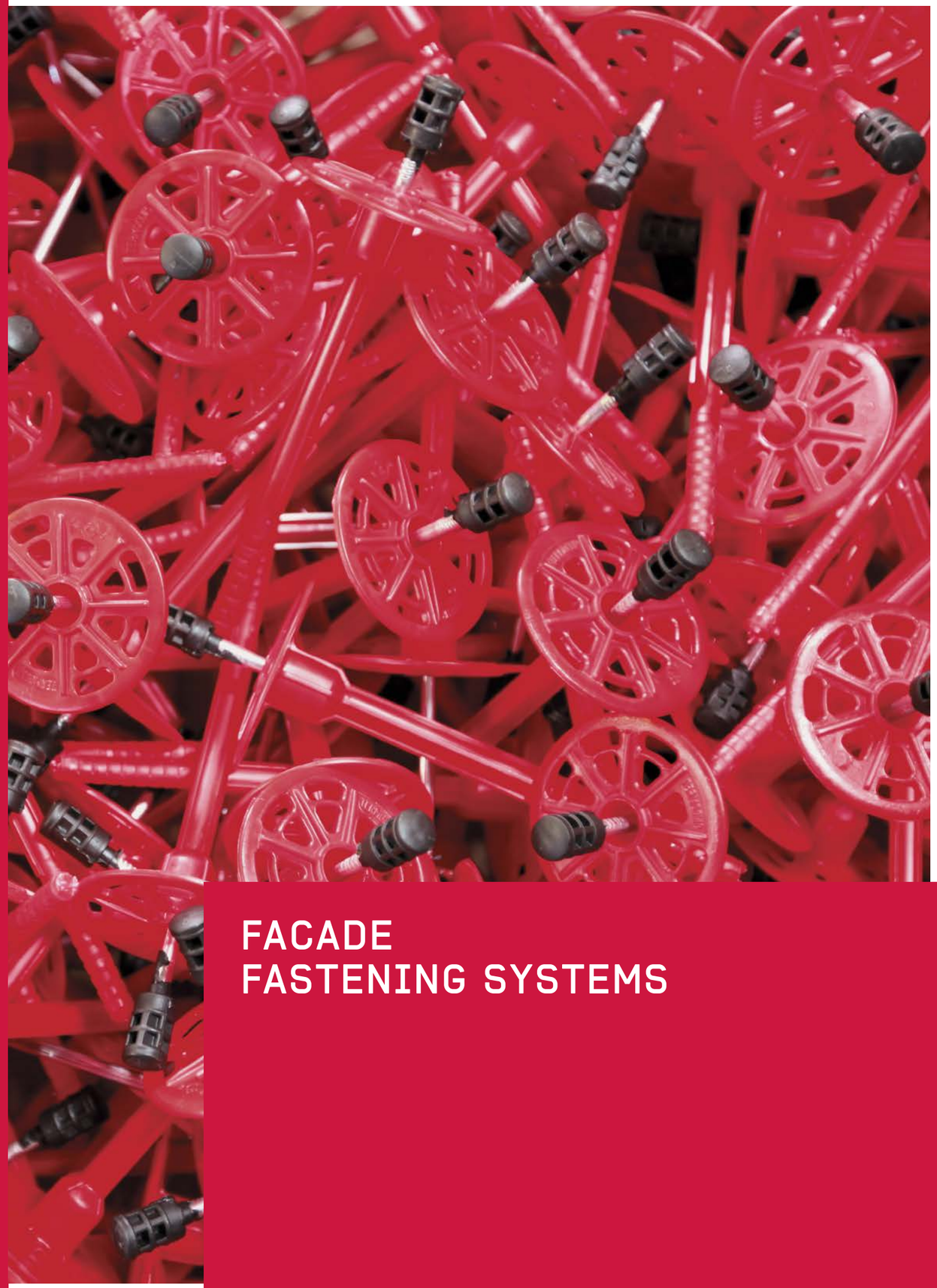
US/US

A breakstem rivet with an open end, a coming-off mandrel

Material:
The rivet sleeve and the shank are made of carbon steel with the anti-corrosive resistant coating.
Use:
It is used for ventilated facade subsystem fastening.

⌀ 4.8

- ISOL MS WALL
- 1MH WALL
- 1MS WALL
- 1MT WALL
- 2MH WALL
- 2MT WALL
- 2PH WALL
- WST 5,5
- 3 WALL
- R WALL
- 5 WALL
- V2 GEO WALL
- V2 ZN WALL
- V2E WALL
- AIR CHUTE
- MGS 1
- MGS 1E
- FIXING TIE
- MGS 2 MT
- AG MT
- MGS 3 MS
- AG MS
- MGS 4 MS
- MGS 5 MS



FACADE FASTENING SYSTEMS

ISOL MS WALL

A polymer disk-shaped dowel with a special heat insulation and waterproof cap with a thread expansion element (Torx)

Material:
Termoclip-ISOL MS-wall disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. ISOL MS expansion element is made of carbon steel with the anti-corrosive resistant coating.

Use:
It is used for heat-insulating slab fastening to supporting base of external thermoinsulation facade systems with rendering (eq. ETICS), and with an air gap.

120, 140, 160, 180, 200, 220, 240, 260, 280

1MH WALL

A polymer disk-shaped dowel and a driven expansion element with a high performance heat insulating head

Material:
The disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. MH expansion element is made of carbon steel with the anti-corrosive resistant coating and protected by the heat-insulating head made of the impact-resistant glass-nylon composite.

Use:
It is used for heat-insulating slab fastening to supporting base of external thermoinsulation facade systems with rendering (eq. ETICS), and with an air gap.

120, 140, 160, 180, 200, 220, 240, 260, 280, 300

1MS WALL

A polymer disk-shaped dowel with a thread expansion element and a heat insulating head (Torx)

Material:
The disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. 1MS expansion element is made of carbon steel with the anti-corrosive resistant coating.

Use:
Used for heat-insulating slab fastening to supporting base of external thermoinsulation facade systems with rendering (eq. ETICS), and with an air gap.

120, 140, 160, 180, 200, 220, 240, 260, 280, 300

1MT WALL

A polymer disk-shaped dowel and a carbon steel driven expansion element with fine knurling and a heat insulating head

Material:
The disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. MT expansion element is made of carbon steel with the anti-corrosive resistant coating and protected by the impact-resistant nylon plastic heat-insulating head.

Use:
It is used for heat-insulating slab fastening to supporting base of external thermoinsulation facade systems, with rendering (eq. ETICS), and with an air gap.

120, 140, 160, 180, 200, 220, 240, 260, 280, 300

2MH WALL

A polymer disk-shaped dowel with depth limitation edges and a driven metal expansion element with a heat insulating head

Material:
The disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. MH expansion element is made of carbon steel with the anti-corrosive resistant coating and protected by the impact-resistant nylon plastic heat-insulating head.

Use:
It is used for heat-insulating slab fastening to supporting base of external thermoinsulation facade systems with an air gap. It is the best for low-density heat-insulating slab fastening. Special edges enable the depth limitation of installation, prevent heat-insulating slab deformation that leads to heat transfer performance uniformity conservation in the wall plane.

95, 115, 125, 135, 145, 165, 175, 195, 215, 225

2MT WALL

A polymer disk-shaped dowel with depth limitation edges and a driven metal expansion element with fine knurling and a heat insulating head

Material:
The disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. 2MT expansion element is made of carbon steel with the anti-corrosive resistant coating and protected by the impact-resistant nylon plastic heat-insulating head.

Use:
It is used for heat-insulating slab fastening to supporting base of external heat insulation facade systems with an air gap. It is the best for low-density heat-insulating slab fastening. Special edges enable the depth limitation of installation, prevent heat-insulating slab deformation that leads to heat transfer performance uniformity conservation in the wall plane.

95, 115, 125, 135, 145, 165, 175, 195, 215, 225

2PH WALL

A polymer disk-shaped dowel with depth limitation edges and a driven nylon (polyamide) expansion element

Material:
The disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties. PH expansion element is made of the impact-resistant glass-nylon composite.

95, 115, 125, 135, 145, 165, 175, 195, 215, 225

Use:
It is used for heat-insulating slab fastening to supporting base of external heat insulation facade systems with an air gap. It is the best for low-density heat-insulating slab fastening. Special edges enable the depth limitation of installation, prevent heat-insulating slab deformation that leads to heat transfer performance uniformity conservation in the wall plane.

3 WALL

A polymer disk-shaped element with a special heat-insulating and water-proof cap

Material:
Material: The disk-shaped element is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties.

Use:
It is used for heat-insulating slab fastening to wood supporting base, strandboards and plywood by WST-5,5 drawn up expansion element.

∅ 60

WST 5,5

A thread forming screw (Torx)

Material:
The expansion element is made of carbon steel with the anti-corrosive resistant coating.

Use:
It is used for heat-insulating slab fastening to the wood supporting base, strandboards and plywood. It is used with 3-Wall disk-shaped element.

90, 110, 130, 150, 170, 190, 210, 230, 250, 270, 290

R WALL

A polymer screw dowel with a disk-shaped holder

Material:
The screw dowel is made of high-quality polyethylene with high stress-strain properties.

Use:
It is used for windproof and waterproof membrane fastening to heat insulation slabs for a ventilated facade. It is installed without pre-drilling.

50x70

5 WALL

A polymer disk-shaped dowel without an expansion element

Material:
5 Wall disk-shaped dowel is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties.

Use:
It is used for heat-insulating slab fastening to the concrete and solid brick supporting base.

70, 90, 110, 130, 150, 180, 210, 230

V2 GEO WALL

A high-strength front anchor for suspended facade bracket fastening with the anti-corrosive coating of GEOMET expansion element

Material:
V2 Geo-wall dowel is made of high-quality nylon (polyamide) with high strength properties. V2 Geo expansion element is made of carbon steel with the anti-corrosive resistant coating.

Use:
It is used for suspended facade bracket fastening to with a ventilated gap and other building units to the supporting base.

60, 80, 100, 120, 140

V2 ZN WALL

A high-strength front anchor for suspended facade bracket fastening

Material:
V2-wall dowel is made of high-quality nylon (polyamide) with high strength properties. V2 expansion element is made of carbon steel with the zinc anti-corrosive resistant coating.

Use:
It is used for suspended facade bracket fastening to with a ventilated gap and other building units to the supporting base.

80, 100, 120, 140

V2E WALL

A high-strength front anchor for suspended facade bracket fastening with an stainless steel expansion element

Material:
V2E Wall dowel is made of high-quality nylon (polyamide) with high strength properties. V2E expansion element is made of stainless steel.
According to Moscow Institute of Steel and Alloys conclusions based on the research findings of strength properties and durability of V2E Wall expansion elements, the service life in mild and medium aggressive environment is 50 years. Strength class (quality) of the product is 10.9 in accordance with R 52627-2006 Russian National Standard.

Use:
It is used for suspended facade bracket fastening to with a ventilated gap and other building units to the supporting base.

80, 100

AIR CHUTE

A polymer air chute with an air labyrinth for the brick face facade

Material:
TERMOCLIP air chute is made of high-quality polyethylene.

Use:
It is used for installation in vertical (cross) masonry joints. It provides ventilation and removes condensing humidity from the air gap between the facing and supporting structures of the brick face fasade.

60x115, 60x120

MGS 1

A metal fixing tie in masonry joints

Material:
MGS 1 tie is made of carbon steel with the anti-corrosive resistant coating.
Use:
It is used for fixing in masonry joints.

200, 225, 250, 275, 315, 340

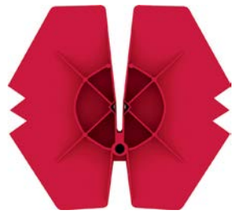
MGS 1E

A metal fixing tie in masonry joints

Material:
MGS 1E is made of corrosion-resistant steel.
Use:
It is used for fixing in masonry joints.

200, 225, 250, 275, 315, 340

FIXING TIE



A metal fixing tie in masonry joints

Material:
The clamp disk is made of high-quality polyethylene with high stress-strain properties.
Use:
It is used for clamping the heat-insulating layer in multi-layer enclosing structures. It is used only with TERMOCLIP ties.

MGS 2 MT

Metal ties with polyamide dowel AG MT

Material:
MGS 2 tie is made of corrosion-resistant steel. Dowel for ties is made of high-quality polyamide with high strength properties.
Use:
It is used for fixing in concrete, brick and other supporting bases.

160, 180, 210, 250, 275, 300, 320

AG MT

Metal ties with polyamide dowel AG MT

Material:
MGS 2 tie is made of corrosion-resistant steel. Dowel for ties is made of high-quality polyamide with high strength properties.
Use:
It is used for fixing in concrete, brick and other supporting bases.

MGS 3 MS

A metal tie with a polymer screw dowel with AG MS

Material:
MGS 3 ties are made of corrosion-resistant steel. The dowel for ties is made of high-quality polyamide with high strength properties.
Use:
It is used for fixing in hollow tiles and supporting bases made of cellular concrete.

160, 200, 225, 250, 300

AG MS

A metal tie with a polymer screw dowel

Material:
MGS 3 ties are made of corrosion-resistant steel. The dowel for ties is made of high-quality polyamide with high strength properties.
Use:
It is used for fixing in hollow tiles and supporting bases made of cellular concrete.

MGS 4 MS

A metal fixing tie with thread forming screw

Material:
MGS 4 tie is made of corrosion-resistant steel.
Use:
It is used for fastening to the wood supporting base, strand-boards and plywood.

100, 120, 140, 160, 180, 200, 220, 240, 260

MGS 5 MS

Metal ties with polymer disk-shaped dowel

Material:
MGS 5 tie is made of corrosion-resistant steel. Disk-shaped dowel for ties is made of block copolymer based on high molecular weight polyethylene with high stress-strain properties.
Use:
It is used for fixing in concrete, brick and other supporting bases.

100, 120, 140, 160, 180, 200, 220, 240, 260

- ROOF PTE 1
- ROOF PTE 2
- ROOF PTE 3
- ROOF PTE 4
- ROOF PTE 5
- ROOF R 19
- ROOF R 28
- CN 5
- EDS-B 4,8
- EDS-S 4,8
- SMI 8
- EDS-C 6,3
- HOLDER SUPPORT LIGHTENING
- LEVELING RING
- ROOF PAVEMENT
- RA 1
- RA 2
- RS
- RS 1
- RS 2
- LIGHTENING CONDUCTOR CABLE HOLDER
- SUPPORT BLOCKS

- STE 1/S
- STE 2/S
- STE 2/CV
- STE 3/C
- STE 4/C
- STE 5/C
- STE 6/C

ROOFING
FASTENING SYSTEMS

ROOF PTE 1

Polymeric disk-shaped element

Material:
Polymeric disk-shaped element PTE 1 is made of block copolymer based on high-endurance ethylene and propylene.

Use:
Used for mechanical fixing of thermo and water insulants to the roof base made of corrugated metal sheet, concrete or wood

20, 50, 60, 80, 100, 120, 130, 140, 150, 170, 180, 200, 220, 240

ROOF PTE 2

Polymeric disk-shaped element with studs on the holder's lower surface

Material:
Polymeric disk-shaped element Termoclip-Roof 2 is made of block copolymer based on high-endurance ethylene and propylene.

Use:
Securely attaches PVC membranes and bitumen insulants based on cross-reinforced polyester with 220 g/m^2 density to roof base made of corrugated metal sheet, concrete or wood.

20, 50, 60, 80, 100, 120, 130, 140, 150, 170, 180

ROOF PTE 5

Polymeric disk-shaped element with increased holder area

Material:
Polymeric disk-shaped element is made of block copolymer based on high-endurance ethylene and propylene.

Use:
Used for mechanical fixing of thermo insulants to the roof base made of corrugated metal sheet, concrete or wood.

50, 80, 100, 120, 130, 140, 150, 180, 200

ROOF PTE 3

Polymeric disk-shaped element

Material:
Polymeric disk-shaped element Termoclip-roof 3 is made of block copolymer based on high-endurance ethylene and propylene.

Use:
Used for mechanical fixing of thermo and water insulants to the roof base made of concrete. It is used with EDS-C 6,3.

20, 50, 80, 100, 120, 140, 150, 180

ROOF PTE 4

Polymeric disk-shaped element with oval holder and studs on the lower surface

Material:
Polymeric disk-shaped element is made of block copolymer based on high-endurance ethylene and propylene.

Use:
Has a special oval shape with increased surface to distribute load. Compared to round disk-shaped holder the oval shape ensures increased membrane slippage resistance. Studs ensure higher unscrewing resistance. Securely attaches PVC membranes and bitumen heat insulants based on cross-reinforced polyester with 220 g/m2 density to roof base made of corrugated metal sheet, concrete or wood.

20, 50, 80, 100, 120, 140, 150, 180

ROOF R 19

Polymeric disk-shaped screw dowel

Material:
Polymeric disk-shaped screw dowel Termoclip-roof R 19 is made of high-strength glass-nylon composite.

Use:
R 19 is used for applying a new layer of water and/or heat insulants to weak bases, also during repairs. Item type is chosen based on test results.

70, 90, 110, 130, 150, 170

ROOF R 28

Polymeric disk-shaped screw dowel

Material:
Polymeric disk-shaped screw dowel Termoclip-roof R 28 is made of high-strength glass-nylon composite.

Use:
R 28 is used for applying a new layer of water and/or heat insulants to weak bases, also during repairs. Item type is chosen based on test results. R 28 is perfect for attaching thermo-insulation layers to each other and attaching light elements on thermoinsulation layer.

70, 90, 110, 130, 150, 170

CN 5

Steel drop-in dowel for concrete

Material:
Dowel is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fixing disk-shaped dowels TERMOCLIP into concrete bearing foundation, concrete grade B25 or higher.

65, 75, 85

EDS-B 4,8

Self-drilling thread-cutting self-locking screw for fixing into steel foundation

Material:
Screw is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fixing roof elements into steel base of 0,75-2,5 mm.

50, 60, 70, 80, 100, 120, 160, 200

EDS-C 6,3

Thread-cutting concrete screw (a part of polymeric disk-shaped element) for mechanical mounting into screed, ribbed floor slabs and concrete

Material:
Screw is made of carbon steel with durable corrosion-resistant coating. High strength class (8.8) — surface hardening, soft core fasteners.

50, 60, 70, 80, 100, 120, 160, 200

Use:
Applied for mechanical mounting of head and water insulation materials to the bearing roof base made of concrete.
Item type is chosen based on test results.

EDS-S 4,8

Thread-cutting screw for mounting into steel base

Material:
Screw is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fixing roof elements into steel base of 0,75-2,5 mm.

50, 60, 70, 80, 100, 120, 160, 200

SMI 8,0

Polyamide dowel

Material:
Roof dowel SMI 8,0 is made of high-strength polyamide.
Use:
Designed for mounting disk-shaped dowels TERMOCLIP, metal strips and roof components into concrete bearing base. It is used with EDS-S 4.

45, 60

HOLDER SUPPORT

Trapeziodal holder support

Material:
Support for a holder made of frost-resistant and light-stabilized polymer.
Use:
Used for attaching corrugated sheets to load-bearing structures.

44x44x40

LEVELING RING

Polymeric leveling ring

Material:
Supporting rings are made of polyethylene with high stress-strain properties.
Use:
Leveling ring is applied on supporting pieces to level out irregularities of waterproof coating.

3x150

ROOF PAVEMENT

PVC roof pavement to create walkways on the surface of membrane roof

Material:
UV- and wear-resistant. High relief ensures excellent anti-slip properties. Work surface of each part is 600x600 mm.

605x760

Use:
PVC roof pavement is used to create walkways on the surface of membrane roof. There are special water draining grooves on the reverse side, so the walkway does not need to have breaks.

RA 1

Metal strip with increased edge

Material:
Strip is made of aluminum-magnesium alloy specifically treated to ensure increased strength, plasticity and corrosion resistance.

Use:
Used for fastening the edge of roof water insulation sheet to the parapet. Strip is reinforced with stiffening ribs to distribute the load in case of linear fastening along the membrane in the areas exposed to strong winds.

3000x32x3,0

RA 2

Metal pressure strip

Material:
Strip is made of aluminum-magnesium alloy specifically treated to ensure increased strength, plasticity and corrosion resistance.

Use:
Used to fasten water insulant attachments to the bearing structure. Strip is reinforced with stiffening ribs to distribute the load in case of linear fastening of water insulation sheet along the parapet.

3000x27x3,0

RS 2

Steel pressure strip

Material:
Strip is made of carbon steel with durable corrosion-resistant coating.

Use:
Strip configuration allows sealing of the rim zone. Strip has increased bending and torsion strength. On horizontal surfaces is used with disk-shaped holders Termoclip PTE 6 to strengthen against separation of water and thermoinsulation.

3000x31x1,5

RS

Steel strip

Material:
Strip is made of carbon steel with durable corrosion-resistant coating.

Use:
Used to press water insulant to the bearing structure at membrane joints.

3000x20x1,2

RS 1

Steel pressure strip

Material:
Strip is made of carbon steel with durable corrosion-resistant coating.

Use:
An alternative to aluminum strip RA1. Strip configuration allows sealing of the rim zone. Strip has increased bending and torsion strength.

3000x31x1,5

LIGHTENING CONDUCTOR CABLE HOLDER

Lightening conductor cable holder for fixing direct lightning reception and electrical grounding cables

Material:
Polymeric holder is made of block copolymer based on high-endurance ethylene and propylene.

75x130

Use:
Applied on the roofs for fixing direct lightning reception and electrical grounding cables.

STE 1/S

Steel disk-shaped element for mechanical fastening of rolled water insulation materials to bearing and enclosure structures made of corrugated metal sheet, concrete or wood

Material:
Disk-shaped element is made of carbon steel with durable corrosion-resistant coating.
Use:
Used for mechanical fastening of rolled water insulation materials to bearing and enclosure structures made of corrugated metal sheet, concrete or wood.

∅ 50

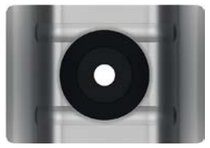
STE 2/S

Steel disk-shaped element for fastening rolled water insulation materials to bearing and enclosure structures made of metal sheet, concrete or wood

Material:
Disk-shaped element is made of carbon steel with durable corrosion-resistant coating.
Use:
Used for mechanical fastening of rolled water insulation materials to bearing and enclosure structures made of corrugated metal sheet, concrete or wood. Has a special oval form with increased surface to distribute the load.

40x80

STE 4/C



Steel disk-shaped element for fastening translucent corrugated sheets to bearing structures, completed with a sealing washer (EPDM)

Material:
Disk-shaped element is made of carbon steel with durable corrosion-resistant coating.
Use:
Used for fastening translucent corrugated sheets to bearing structures.

47x70

STE 2/CV

Steel disk-shaped element for fastening rolled water insulation materials to bearing and enclosure structures made of metal sheet, concrete or wood

Material:
Disk-shaped element is made of carbon steel with durable corrosion-resistant coating.
Use:
Used for mechanical fastening of rolled water insulation materials to bearing and enclosure structures made of corrugated metal sheet, concrete or wood. Has a special oval form with increased surface to distribute the load.

40x80

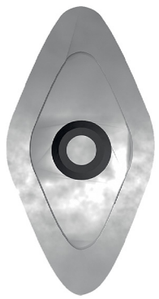
STE 3/C

Steel disk-shaped element for fastening rolled water insulation and rigid thermoinsulation materials to the roof base

Material:
Disk-shaped element is made of carbon steel with durable corrosion-resistant coating.
Use:
Used for mechanical fastening of rolled water insulation materials to bearing and enclosure structures made of corrugated metal sheet, concrete or wood. Has a special oval form with increased surface to distribute the load, as well as a 15 mm seat for the screw head.

40x80

STE 5/C



Steel disk-shaped element for fastening translucent corrugated sheets to bearing structures, completed with a sealing washer (EPDM)

Material:
Disk-shaped element is made of carbon steel with durable corrosion-resistant coating.
Use:
Used for fastening translucent corrugated sheets to bearing structures.

43x28

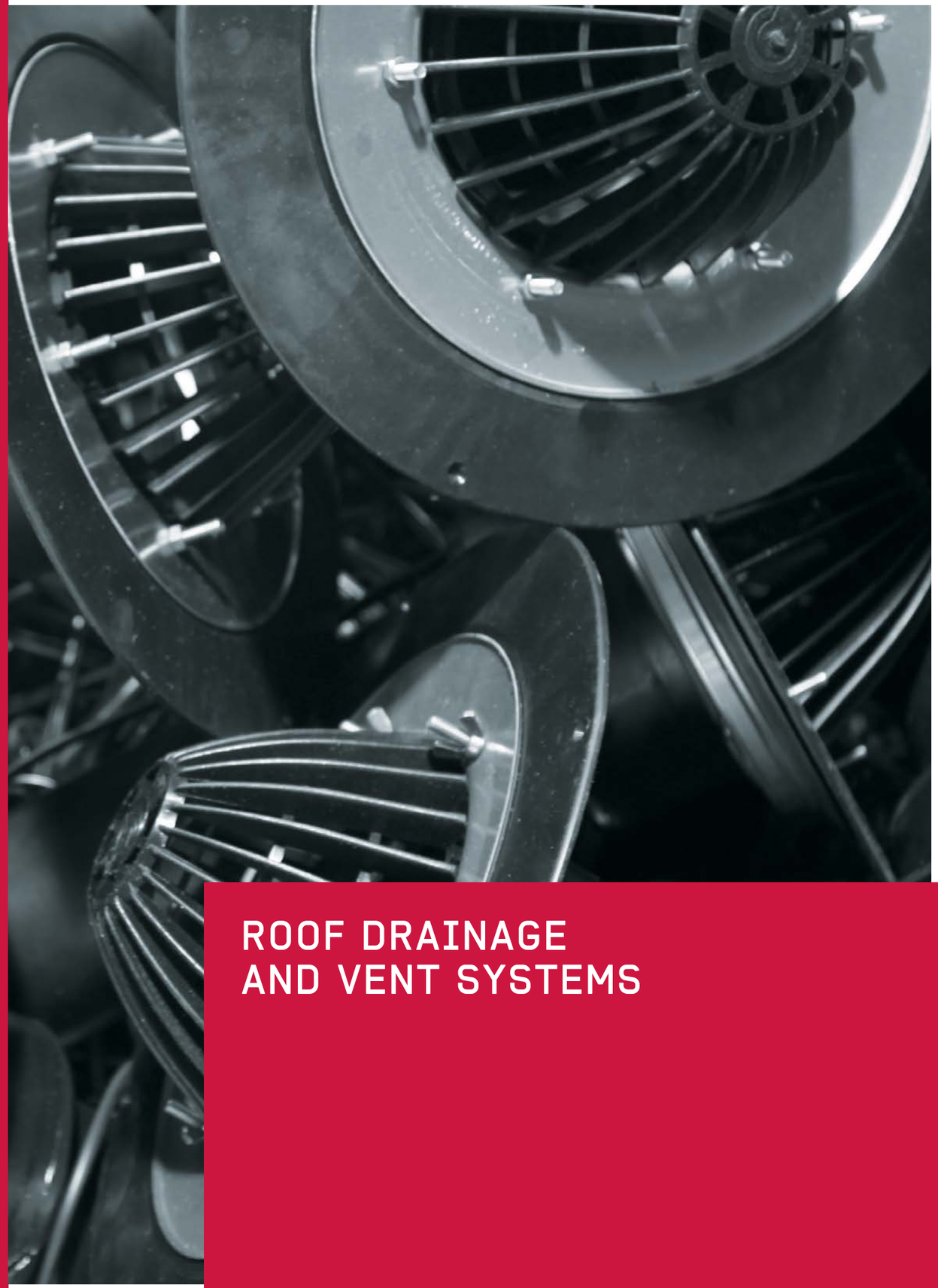
STE 6/C

Steel disk-shaped element for fastening translucent corrugated sheets to bearing structures, completed with a sealing washer (EPDM)

Material:
Carbon steel with durable corrosion-resistant coating.
Use:
Used for fastening corrugated steel sheets to bearing structures, completed with a sealing washer EPDM.

17x40x50

- ROOF FUNNEL VB
- ROOF FUNNEL VF
- ROOF FUNNEL VF-TD2
- ROOF FUNNEL VF-TO
- ROOF FUNNEL VF-F
- ROOF FUNNEL VFO
- ROOF FUNNEL VFO-TD2
- ROOF FUNNEL VFO-TO
- ROOF FUNNEL VFO-F
- ROOF DEFLECTOR D160
- ROOF DEFLECTOR D75
- PUT-ON ELEMENT NE
- PUT-ON ELEMENT NE-D1
- PUT-ON ELEMENT NE-D1-TD2
- PUT-ON ELEMENT NE-D1-TO
- PUT-ON ELEMENT NE-M-TD2
- PUT-ON ELEMENT NE-M-TO
- MAINTENANCE FUNNEL VFOR
- MAINTENANCE FUNNEL VFOR-F
- MAINTENANCE FUNNEL VFOR-TO
- MAINTENANCE FUNNEL VFOR-TD2
- MAINTENANCE FUNNEL VFR
- MAINTENANCE FUNNEL VFR-F
- MAINTENANCE FUNNEL VFR-TO
- PUT-ON ELEMENT NE-M
- PUT-ON ELEMENT NE-F
- DRAINAGE FLANGE D1
- DRAINAGE FLANGE D2
- THRUST RING O
- PRESSURE AND SEALING RINGS M
- APRON NB AND NP
- GULLEY T
- EXTENTION U
- ELASTIC SEALING CUP M1



ROOF DRAINAGE AND VENT SYSTEMS

ROOF FUNNEL VB

Roof funnel with leaf trap

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Roof funnel with leaf trap ensures unobstructed moisture removal from the roof covering, thus preventing accumulation of water on water insulation. Applicable together with water insulation materials based on modified bitumen.

90x450, 110x160, 110x450

ROOF FUNNEL VF

Roof funnel with crimp flange, completed with leaf trap

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Roof funnel with leaf trap and crimp flange made of rust-proof steel, with vertical outlet, used for arranging water drainage from the roof surface. The funnel and roof covering are connected mechanically, which makes it applicable for all types of water insulation materials.

90x450, 110x165, 110x450

ROOF FUNNEL VF-F

Roof funnel with crimp flange, completed with leaf trap and PVC apron

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Roof funnel with leaf trap and crimp flange made of rust-proof steel, with vertical outlet, used for arranging water drainage from the roof surface. The funnel and roof covering are connected mechanically, which makes it applicable for all types of water insulation materials. Additionally completed with PVC apron.

90x450, 110x165, 110x450, 160x175, 160x450

ROOF FUNNEL VFO

Heated roof funnel, with crimp flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Roof funnel with leaf trap and crimp flange made of rust-proof steel, with vertical outlet, used for arranging water drainage from the roof surface. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials.

90x450, 110x165, 110x450, 160x175, 160x450

ROOF FUNNEL VF-TD2

Roof funnel with crimp flange, completed with a gulley with D2 drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
VF funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs. Drainage flange ensures collection of water from two levels. Used for ballasted, inversion and combined types of roofs.

90x450, 110x165, 110x450, 160x175, 160x450

ROOF FUNNEL VF-TO

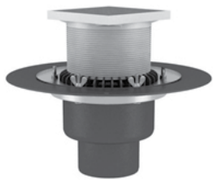
Roof funnel with crimp flange, completed with a gulley with a thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
VF funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs.

90x450, 110x165, 110x450, 160x175, 160x450

ROOF FUNNEL VFO-TD2



Heated roof funnel with crimp flange, self-regulated electric heating secures operability of the water drainage during winter, autumn and spring, completed with a gulley and D2 drainage flange.

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

90x450, 110x165, 110x450, 160x175, 160x450

Use:
VFO-type funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs. Drainage flange ensures collection of water from two levels. Used for ballasted, inversion and combined types of roofs. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials.

ROOF FUNNEL VFO-TO

Heated roof funnel with crimp flange, self-regulated electric heating secures operability of the water drainage during winter, autumn and spring, completed with a thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
VFO funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials.

90x450, 110x165, 110x450, 160x175, 160x450

ROOF FUNNEL VFO-F

Heated roof funnel with crimp flange, completed with leaf trap and PVC apron

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Heated roof funnel with leaf trap and crimp flange made of rust-proof steel, with vertical outlet, used for arranging water drainage from the roof surface. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials. Additionally completed with PVC apron.

90x450, 110x165, 110x450, 160x175, 160x450

ROOF DEFLECTOR D160

Roof deflector for unrestricted removal of accumulated moisture from the roof void

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for intensive removal of accumulated moisture from under the water insulation covering or roof void. Deflector helps prevent swelling, breakage and separation of the covering, which excludes total or partial loss of its performance properties. Also applicable for ventilation of the roof void.

445x460

ROOF DEFLECTOR D75

Roof deflector for unrestricted removal of accumulated moisture from the roof void

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for intensive removal of accumulated moisture from under the water insulation covering or roof void. Deflector helps prevent swelling, breakage and separation of the covering, which excludes total or partial loss of its performance properties.
D75 can be used together with water insulation materials based on modified bitumen.

310x320

PUT-ON ELEMENT NE

Put-on element with crimp flange and leaf trap

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used together with VF and VFO funnels in heat-insulated roofs with two-level vapor- and water insulation. Seal with lockring prevents storm runoff from getting into thermoinsulation layer in the place where put-on element conects with funnel. May also be used as an independent item like VF funnels.

350x345

PUT-ON ELEMENT NE-D1

Put-on element with crimp flange, leaf trap and D1 drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used together with VF and VFO funnels in heat-insulated roofs of inversion or combined type. Drainage ring drains water from the upper layers of the roofing pie.

350x345

PUT-ON ELEMENT NE-D1-TD2

Put-on element with crimp flange, D1 drainage flange and gulley with D2 drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

350x345

PUT-ON ELEMENT NE-D1-TO

Put-on element with crimp flange, D1 drainage flange and gulley with thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

350x345

PUT-ON ELEMENT NE-M-TD2

Put-on element with crimp flange, lockring and gulley with D2 drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used together with VF and VFO funnels in heat-insulated roofs with two-level vapor- and water insulation, completed with seal with lockring and gulley with D2 drainage flange.

350x345

PUT-ON ELEMENT NE-M-TO

Put-on element with crimp flange, lockring and gulley with thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used together with VF and VFO funnels in roofs with two-level vapor- and water insulation, completed with seal with lockring and gulley with thrust ring.

350x345

MAINTENANCE FUNNEL VFOR

Heated roof maintenance funnel, to be assembled with steel, iron or plastic pipes Ø110 mm, completed with leaf trap and sealing cup

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials.

90x450

MAINTENANCE FUNNEL VFOR-F

Heated roof maintenance funnel, completed with leaf trap and PVC apron

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials. Completed with a PVC apron.

90x450

MAINTENANCE FUNNEL VFOR-TO

Heated roof maintenance funnel, to be assembled with steel, iron or plastic pipes Ø110 mm, completed with a sealing cup and a gulley with a thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface. VFR funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials.

90x350

MAINTENANCE FUNNEL VFOR-TD2

Heated roof maintenance funnel, to be assembled with steel, iron or plastic pipes Ø110 mm, completed with a sealing cup and a gulley with a D2 drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface. VFR-type funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs. Electric heating secures operability of the water drainage during winter, autumn and spring. Applicable to all types of water insulation materials.

90x350

MAINTENANCE FUNNEL VFR

Roof maintenance funnel with a leaf trap, crimp flange and sealing cup

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface.

90x350

MAINTENANCE FUNNEL VFR-F

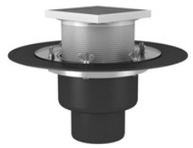
Maintenance funnel, completed with leaf trap and PVC apron

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface. Completed with leaf trap and PVC apron.

90x350

MAINTENANCE FUNNEL VFR-TO



Assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes, completed with a sealing cup and a gulley with a thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.

Use:
Used for assembly and maintenance of roofs that have drainage systems with steel, iron or plastic tubes. Washer material and configuration ensure tight sealing of the funnel with the draining tube despite residual impurity of the tube's contact surface. VFR funnels are completed with a gulley, which allows using them for maintenance or assembly of new accessible roofs.

90x450

PUT-ON ELEMENT NE-M

Put-on element with crimp flange and seal with lockring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used together with VF and VFO funnels in heat-insulated roofs with two-level vapor- and water insulation. Seal with lockring prevents storm runoff from getting into thermoinsulation layer in the place where put-on element connects with funnel. May also be used as an independent item like VF funnels.

350x345

PUT-ON ELEMENT NE-F

Put-on element with crimp flange, completed with leaf trap and PVC apron

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used together with VF and VFO funnels in heat-insulated roofs with two-level vapor- and water insulation. Seal with lockring prevents storm runoff from getting into thermoinsulation layer in the place where put-on element connects with funnel. May also be used as an independent item like VF funnels. Completed with PVC apron.

350x345

DRAINAGE FLANGE D1

Drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used together with a VF or VFO roof funnel and put-on element (NE) in inversion-type heat insulating roofs for draining water from the lower layer of the roof.

115x70

DRAINAGE FLANGE D2

Drainage flange

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used together with the T gulley in ballasted roofs.

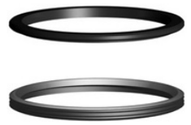
115x70

THRUST RING O

Thrust ring

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used together with T gulley for fixing it in VF funnels or in put-on element.

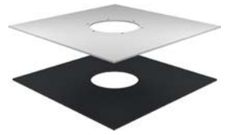
PRESSURE AND SEALING RINGS M



Pressure and sealing rings

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Mounted in roof funnels with leaf trap and crimp flange to pack a joint of the funnel and put-on element to prevent backwater effect.

APRON NB AND NP



Apron for funnels

Material:
NB apron is made of polymeric-bitumen roof covering, NP apron — made of PVC material.
Use:
Connected with VF, VFO, VFR and VFOR funnels or NE put-on element before their mounting to the roof; apron and roof are joined by welding (gluing).

500x500

GULLEY T

Gulley for removing moisture from the surface of accessible roofs

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range. The gulley material is resistant to impact of water containing washing and cleaning products.
Use:
Used together with VF and VFO funnels and put-on element NE in accessible roofs of ballasted, inversion and combined types.

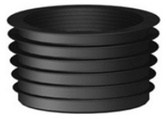
EXTENTION U

Roof funnel extension

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used in roofs of different types when one of the roofing pie layers has an increased thickness. Compatible with leaf trap, TO and TD2 gulleys, as well as VF, VFO, VFR and VFOR funnels and put-on element NE-D1 or NE-M.

350

ELASTIC SEALING CUP M1



Elastic sealing cup for assembly of roof funnels

Material:
Made of low-pressure polyethylene, resistant to weather and UV impact within -50 to +80 °C range.
Use:
Used for assembly of VF or VFO roof funnels (standard size 90x450) with steel, iron or plastic tubes Ø110 mm.

T

4 WALL

DISK-SHAPED HOLDER

WELDED PIN CD/PWP2.7

WELDED PIN WITH A WASHER CD/PWP2.7 ISOL

WELDED PIN CT/WP2

WELDED PIN CD/WP2

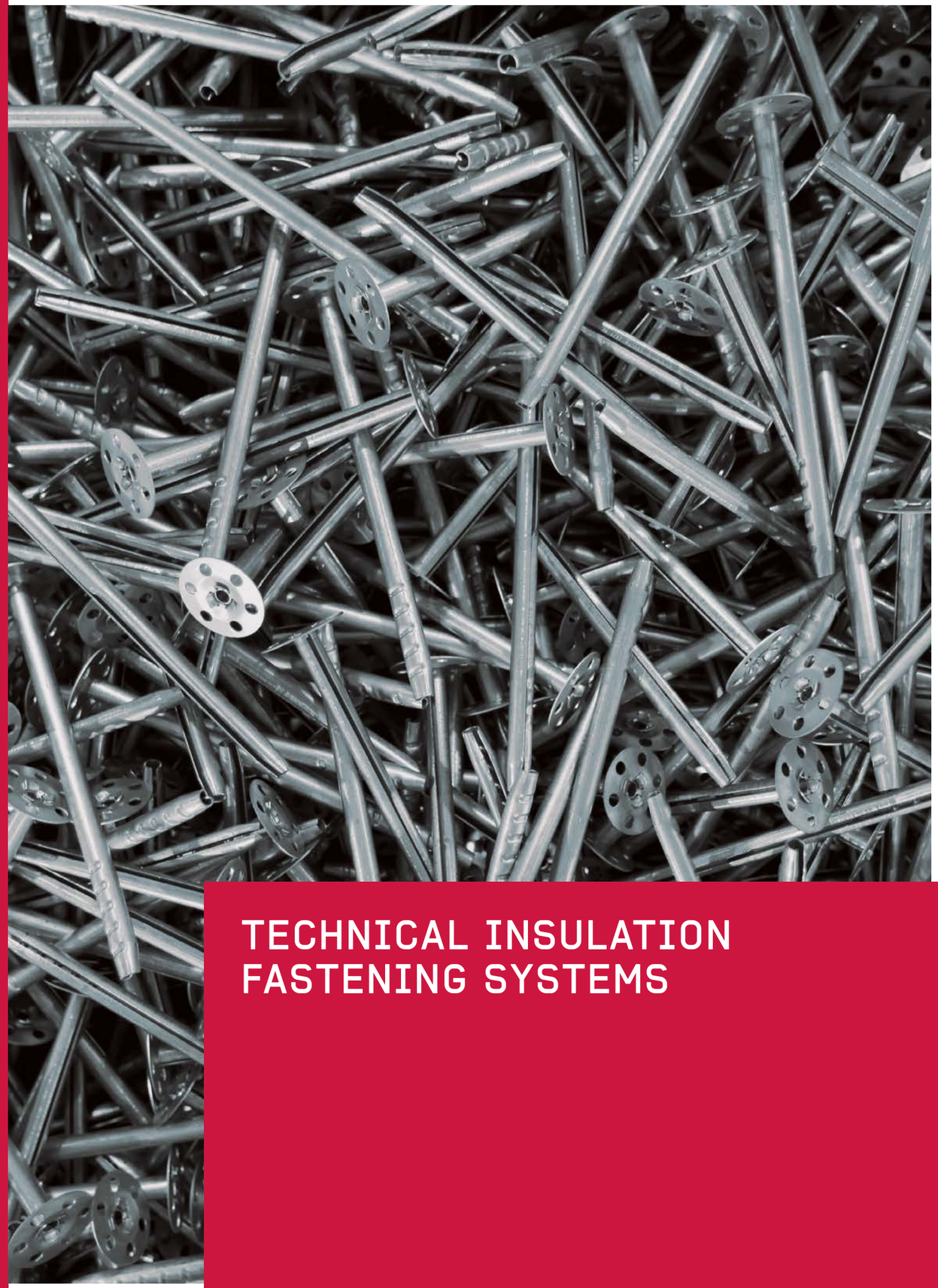
WELDED PIN SC/WP3

PW2

PW3

PW2-ISOL

PW3-ISOL



TECHNICAL INSULATION
FASTENING SYSTEMS

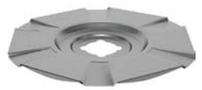
4 WALL

Metal disk-shaped anchor for fastening fire retardant heat insulating boards

Material:
Disk-shaped anchor is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fastening fire retardant heat insulating boards to the bearing foundation.
Used together with the disk-shaped holder.

80, 110, 140, 170, 200, 250

DISK-SHAPED HOLDER



Disk-shaped holder for guaranteed fixing of fire retardant heat-insulating boards

Material:
Disk-shaped holder is made of carbon steel with durable corrosion resistant coating.
Use:
Designed for guaranteed fixing of fire retardant heat-insulating boards to the bearing foundation. Used together with disk-shaped anchor Wall 4.

80, 110, 140, 170, 200, 250

CD/PWP2.7 ISOL

Metal welded isolated pin with an attached metal washer for fastening technical insulation and fire protection elements by means of contact welding (capacitor discharge method)

Material:
Metal welded isolated pin is made of carbon steel with durable copper corrosion resistant coating, washer is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fastening fire retardant heat-insulating boards to air pipes. One should use special contact welding machines for Termoclip pins assembly.

25, 28, 32, 38, 42, 48, 52, 58, 62, 68, 72, 80, 90, 100, 110

CD/PWP2.7

Metal welded pin with an attached metal washer for fastening technical insulation and fire protection elements by means of contact welding (capacitor discharge method)

Material:
Welded pin is made of carbon steel with durable copper corrosion resistant coating, washer is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fastening fire retardant heat-insulating boards to air pipes. One should use special contact welding machines for Termoclip pins assembly.

14, 19, 23, 25, 28, 32, 38, 42, 48, 51, 54, 58, 63, 68, 72, 76, 89, 105

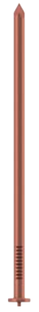
CT/WP2

Metal welded pin for fastening technical insulation and fire protection elements by means of contact-transformer welding

Material:
Welded pin is made of carbon steel with durable copper corrosion resistant coating.
Use:
Designed for fastening fire retardant heat-insulating boards to air pipes. One should use special contact welding machines for Termoclip pins assembly.

19, 25, 32, 42, 51, 63, 76, 89, 105, 114, 125, 140

CD/WP2



Metal welded pin for fastening technical insulation and fire protection elements by means of contact welding (capacitor discharge method)

Material:
Welded pin is made of carbon steel with durable copper corrosion resistant coating, washer is made of carbon steel with durable corrosion-resistant coating.
Use:
Designed for fastening fire retardant heat-insulating boards to air pipes. One should use special contact welding machines for Termoclip pins assembly.

20, 30, 40, 60, 65, 70, 80, 90, 100

CS/WP3

Welded pin for fastening technical insulation and fire protection elements by means of short frame arc welding

Material:
Welded pin is made of carbon steel with durable copper corrosion resistant coating.

35, 40, 45, 50, 60, 65, 70, 80, 85, 90, 95, 100, 110, 115, 120, 150, 210

Use:
Designed for fastening fire retardant heat-insulating boards to air pipes. One should use special contact welding machines for Termoclip pins assembly.

PW2, PW3

Washers, used together with pin CT/WP2 or CD/WP2, CD/WP3 or SC/WP3

Material:
Made of carbon steel with durable corrosion-resistant coating.
Use:
Washer for fastening technical insulation or fire protection elements.

PW2-ISOL, PW3-ISOL

Washer, used together with pin CT/WP2 or CD/WP2, CD/WP3 or SC/WP3

Material:
Made of carbon steel with durable corrosion-resistant coating.
Use:
Washer for fastening technical insulation or fire protection elements.

CONCRETE NAIL

5 WALL

R WALL

LS1

LS2

CONCRETE NAIL

Concrete nail with polymeric washer

Material:
Drop-in element made of zinc-plated corrosion resistant steel and a profiled washer. Washer has a groove for joint sealer, is made of acid-, alkali- and frost-resistant polymer and is corrosion-resistant.

Use:
Designed for fastening profiled membranes to the wall surface.

40

5 WALL

Disk-shaped polymeric dowel without spacing element for fastening drainage canvas to the wall surface

Material:
Disk-shaped dowel is made of block-copolymer based on high molecular weight polyethylene having high stress and strain properties. The dowel can be installed in one operation (no need to drive in an expanding anchor).

Use:
Disk-shaped dowel is designed for fastening drainage canvas to the wall in the drilled holes. Wall 5 dowels are used for fastening membranes to concrete, brick walls or rocky materials.

50

R WALL

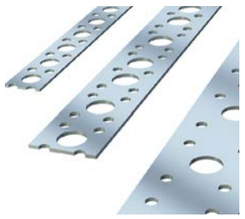
Polymeric screw dowel with a disk-shaped holder for fastening wind- and waterproof membranes to heat insulation boards

Material:
Screw dowel is made of high-quality polyethylene with high strain and stress properties.

Use:
Designed for fastening wind- and waterproof membranes directly to heat insulation boards. Installed without preliminary drilling.

70

LS1



Metal perforated tape for fastening systems of non-insulated penetration, water and heat supply through enclosure structures

Material:
Perforated tape TERMOCLIP is made of carbon steel with durable corrosion-resistant coating.

Use:
Perforated tape is designed for fastening systems of non-insulated penetration, water and heat supply through enclosure structures.

10, 30 м

12, 19, 25

LS2

Metal perforated tape for fastening systems of non-insulated penetration, water and heat supply through enclosure structures

Material:
Perforated tape TERMOCLIP is made of carbon steel with durable corrosion-resistant coating. Operation temperature range -50...+80 °C.

Use:
Designed for assembly of utility systems and reinforcing enclosure structures.

10, 30 м

12, 19, 25

COMPANY CARD. KEY ADVANTAGES

1.

Russian manufacturing company has complete production cycle

2.

Total quality control using the own company laboratory

3.

Wide range of manufacturing products make it possible to fix all types of insulation with different types of base material

4.

High strength technical characteristics provides using less fixing consequently saving costs

5.

Providing long on performance according with mechanical and environmental conditions Russia-wide

6.

Reduce work due to ease montage and no waste during it

7.

Technical assistance and consulting throughout construction

8.

Insurance liabilities and warranty

KEY ADVANTAGES: THE INSURED WARRANTY

Insurance liabilities:
Unconditional producer responsibility for the entire assortment of production

The amount of insurance coverage:
10 000 000 RUB

Warranty:
5 years

СТРАХОВАЯ КОМПАНИЯ

Liberty Mutual Group was founded in 1912, in Boston, USA.
Insurance Group is organized as a mutual insurance company, which means that it belongs to policyholders rather than shareholders.

The main areas of business: auto insurance and corporate activity. Group companies operate in the USA, Europe, Asia and Latin America. Assets on the results of the Group in 2013 amounted to $121.282 billion, the proceeds — $38.509 billion, profit — $1.743 billion.

The group holds 81 seats in the Fortune list (Magazine, 2013) and has the highest financial strength rating:
A (Excellent), A. M. Best Co; A- (Strong), Standard & Poor's; A2 (Good), Moody's.

The catalog provides information on Termoclip products manufactured and sold in the Russian Federation

TERMOCLIP

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