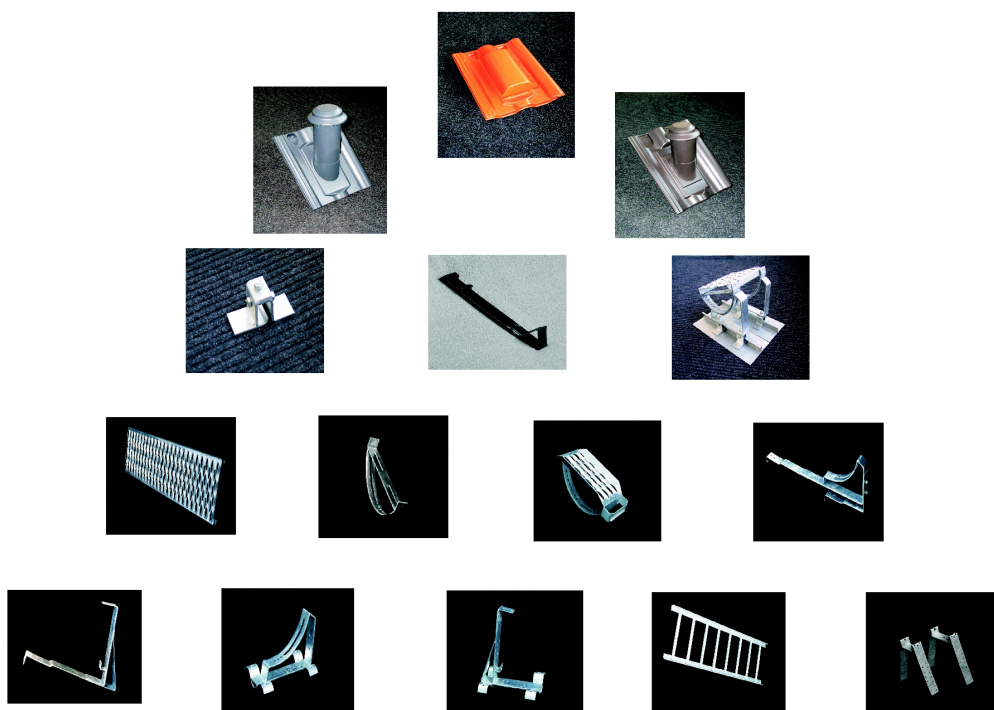# FEREL, s.r.o.

Roofing
Accessories

F E R E L, s.r.o.

Firm FEREL, Ltd was found in 1992 and has been involved in purchasing industrial goods and their resale. In 1993 we started our cooperation with German firms for whom we arranged deliveries of roofing accessories. Then later in 1999 we started our own production of roofing accessories in Horní Suchá. In 2001 we started producing Snowstooper Bracket and in 2008 we started producing Spout Hooks.

We use the industrial premises in Horní Sucha (cca 1377 m2) for our production purposes.

Our products are manufactured from high-quality materials. Part of our products are produced from the iron metal and flat sheets qualitative classes 11343.1 with minimum diameter zinc according to the norm EN ISO 1461.

Our products could be applied to all kinds of roofing, which are in demand on our market . We offer products in different shades of colour for which we use high-quality double-barrelled acryluretan colours.

Basicly shades of colours:
RAL 8004 - Copper brown
RAL 8015 - Chestnut brown
RAL 8019 - Grey brown
RAL 7016 - Anthracite grey
RAL 9005 - Jet black

Our products were revisioned by Technical Institution Prague in its acreditted laboratory in Ostrava.

Our Chimney Sweep Bench system meets all the European norms EN 516. Roofing accessories, devices for accessing the roof and all the products that fall into this category are given a state mark CE.

By using our products it is easier to move around the roof. In winter our products protect people by stopping the snow on the roof from falling down on the passers-by below.
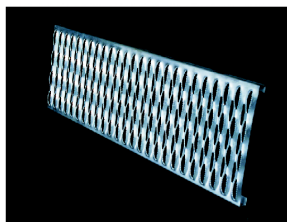
The correct use of installation manuals and high quality production process enable us to reach utmost functionality and safety of our products. The instalation manual can be found on our internet pages www.ferel.cz.

F E R E L, s.r.o.

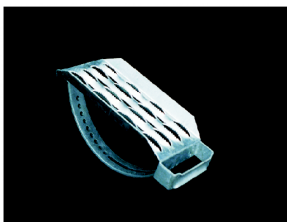## *Chimney Sweep Bench System*

The Chimney Sweep Bench

It is produced from iron metal, thickness 2 mm, with anti-slip surface.
The widht of Bench is 250 mm.
The lenghts of Benches : 400, 600, 800, 1000, 1200, 1500, 2000,
2500 and 3000 mm.
It is hot galvanised.

Chimney Sweep Bench Fixer

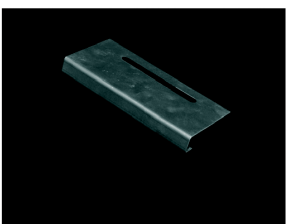It is produced from flat steel 40 x 4 mm. It is used for fixing
The Chimney Sweep Bench or Roof Step with Step Bracket.
It is hot galvanised .

Roof Step

Part of the Bracket fixing is made of flat steel 40x4 mm,
the Step part and handle are from metal of 2 mm height.
Roof step has anti-slip surface which guarantees safety
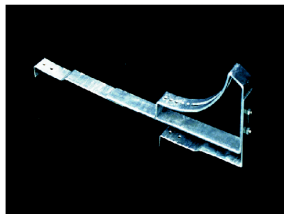on the roof.
It is hot galvanised

Chimney Sweep Bench Fastener

Chimney Sweep Bench Fastener is produced
for Chimney Sweep Bench
It is hot galvanized..

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Chimney Sweep Bench and Step Bracket - Universal

It is produced from flat steel 40 x 4 mm and 40 x 2 mm.
It is used for further instalation of Chimney Sweep Bench's Fixer with the Chimney Sweep Bench or Roof Step.
Bracket can be applied to all types of burnt and concrete Roofing.
It is hot galvanized.

Chimney Sweep Bench and Step Bracket for metal roofing

It is produced from flat steel 40 x 4 mm. It is used for further instalation of Chimney Sweep Bench's Fixer with the Chimney Sweep Bench or Roof Step for metal roofing.
It is hot galvanized.

Chimney Sweep Bench and Step Bracket for Betternit

It is produced from flat steel 40 x 4 mm and the base is from flat steel 450 x 120 x 2 mm.
It is used for further instalation of Chimney Sweep Bench's Fixer with the Chimney Sweep Bench or Roof Step on the roofing: Cembrit, Shingle
It is hot galvanized.
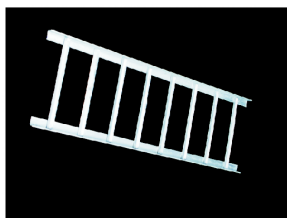
Chimney Sweep Bench and Step Bracket for Onduline

It is produced from flat steel 40 x 4 mm. It is used for further instalation of Chimney Sweep Bench's Fixer with the Chimney Sweep Bench or Roof Step on the roofing: Onduline.
It is hot galvanized.

Chimney Sweep Bench and Step Bracket for falded metal

It is produced from flat steel 40 x 4 mm. It is used for further instalation of Chimney Sweep Bench's Fixer with the Chimney Sweep Bench or Roof Step on the roofing with falded metal.
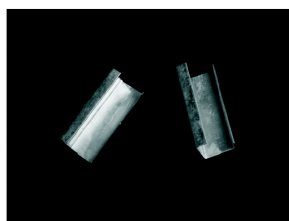It is hot galvanized..

F E R E L, s.r.o.

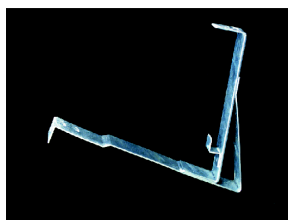## Snowguard system

Snowguard Ladder

It is produced from iron angle 20 x 20 x 2 mm.
Width of Snowguard ladder is 200mm.
Lengths:1000, 2000 a 3000 mm.
It is hot galvanized.

Snowguard Ladder's Fastener

It is used for fastening Snowguard Ladders.
It is hot galvanized.

Snowguard Bracket - Universal

It is produced from flat steel 40 x 4 mm and 40 x 2 mm.
It is used for an instalation of Snowguard Ladder on all types of burnt and concrete roofing.
It is hot galvanized.

Snowguard Bracket - for metal roofin and Betternit

It is produced from flat steel 40 x 4 mm and 40 x 2 mm.
It is used for an instalation of Snowguard Ladder on the roofing from iron metal: Cemrit, Shingle.
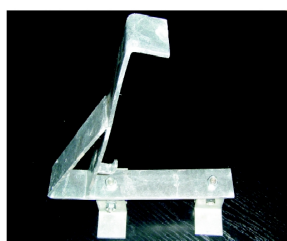It is hot galvanized
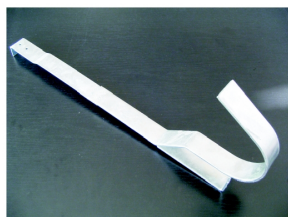
Snowguard Bracket - Onduline

It is produced from flat steel 40 x 4 mm and 40 x 2 mm.
It is used for an instalation of Snowguard Ladder on the roofing Onduline.
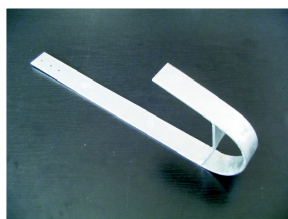It is hot galvanized.

Snowguard Bracket - falded metal

It is produced from flat steel 40 x 4mm. It is used for an instalation
of Snowguard Ladder on the roofing with falded metal.
It is hot galvanized.

Grip of the Snow Balk - Universal

It is produced from flat steel 40 x 4mm. It is used for fixing the Balk
on the burnt and conrete roofing.
It is hot galvanized.

Grip of the Snow Balk - Betternit, metal

It is produced from flat steel 40 x 4mm. It is used for fixing the Balk
on the roofing - Cembrit, Shingle or Metal..
It is hot galvanized.

Grip of the Snow Balk - falded metal

It is produced from flat steel 40 x 4mm. It is used for fixing the Balk
on the roofing with falded metal
It is hot galvanized.

S y s t e m   f o r   m e t a l   r o o f l n g

With Base Plate - down program

Base Plate - metal program

The Base Plate is used as a supporting component for fixing Chimney Sweep Bench Bracket, Snowquard Bracket and Grip of the Snow Balk on the various types of metal roofing.
Dimensions: 350 and 400 mm.
It is hot galvanized..

Chimney Sweep Bench and Step Bracket - lower - metal program

Chimney Sweep Bench and Step Bracket must be fastened to Base
 Plate. The Chimney Sweep or Roof Step can be fastened to
Chimney Sweep Bench and Step Bracket.
It is hot galvanized..

Snowguard Bracket - lower - metal program

Snowguard Bracket - lower - must be fastened to Base Plate.
It is used for Snowguard Ladder.
It is hot galvanized.

Grip of the Snow Balk - lower - metal program

Grip of the Snow Balk must be fastened to Base Plate.
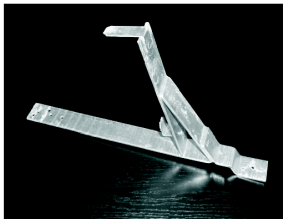It is used with the Balk as Snowguard.
It is hot galvanized.

Without using Base Plate - upper - metal program:

Chimney Sweep Bench and Step Bracket - upper - metal program

Chimney Sweep Bench and Step Bracket - upper - is fastened from
the upper side on the metal roofing without using Base Plate.
It is hot galvanized.

Snowguard Bracket - upper - metal program

Snowguard Bracket - upper - is fastened from
the upper side on the metal roofing without using Base Plate.
It is hot galvanized.
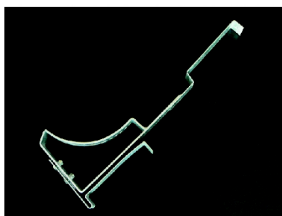
Snowstopper A 11 short - metal program

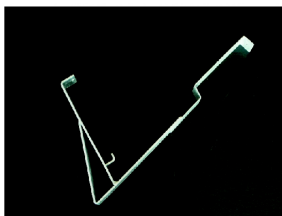It is for metal roofing.

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System for metal moulded roofing

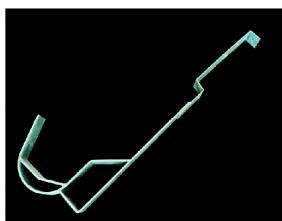### Chimney Sweep Bench and Step Bracket - metal moulded roofing

It is produced from flat steel 40 x 4 mm and 40 x 2 mm.
It is used for further instalation of Chimney Sweep Bench's Fixer
with the Chimney Sweep Bench or Roof Step.
Bracket can be applied to metal moulded roofings: Czechcover,
ICOPAL, Ondusteel.
It is hot galvanized.

Snowguard Bracket - metal moulded roofing

It is produced from flat steel 40 x 4 mm and 40 x 2 mm.
It is used for an instalation of Snowguard Ladder to metal moulded
roofings: Czechcover, ICOPAL, Ondusteel.
It is hot galvanized.

Grip of the Snow Balk - metal moulded roofing

It is produced from flat steel 40 x 4mm and 40 x 2 mm.
It is used for fixing the Balk on the metal moulded roofings:
CZECOVER, ICOPAL, ONDUSTEEL (š. šablony 408 mm).
It is hot galvanized.
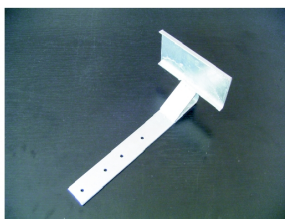
Snowstopper - metal moulded roofing

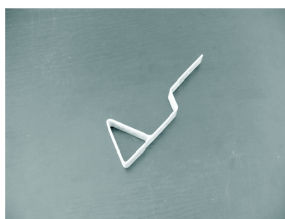It is using for metal moulded roofing.

F E R E L, s.r.o.

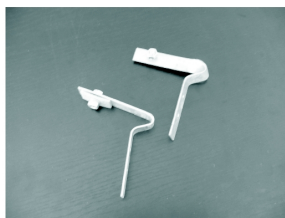## *Special products*

Snowstopper

Snowstopper is used as Snowguard.
It is used for metal roofing Ondusteel..
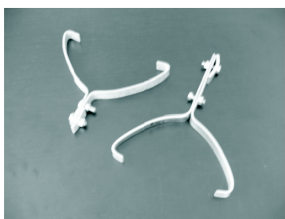It is hot galvanized.

Snowstopper

Snowstopper is used as Snowguard.
It is used for metal roofing Ondusteel.
It is hot galvanized.

Holder of Conductor cable

Conuctor holder

FEREL, s.r.o.

Holders of crest slabs

Holder of crest slab

Holder of Crest Slab with nail, it is hot galvanized.

Length of nail	Width
180 mm	
200 - 210 mm	
220 - 230 mm	50 mm
260 mm	
310 mm	

Universal Holder of crest slab

Universal Holder is produced from hot galvanized steel.

Width
30 mm
50 mm

FEREL, s.r.o.

Snowstoppers

Snowstopper type A for Betternit and Shingle
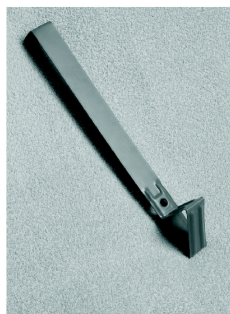
A 11 - it is used for various types of flat metal roofing,
          the length of the hook is 110 mm
A 230 - metal moulded roofing
A 300 - It is used for all tytes of Shingle and Betternit,
          the length of the hook is 300 mm
A 400 - it is used for all tytes of Shingle and Betternit,
          the length of the hook is 400 mm

Snowstopper typ D for Burnt roofing

D 240 - 20 - TONDACH - Francouzská TRF 14
D 400 - B8 - TONDACH - Románská 12
D 400 - B9 - TONDACH - Francouzská TRF 12
D 400 - 78 - TONDACH - Brněnka 14, Varia 14
D 400 - 39 - TONDACH - Holland
D 400 - 24 - TONDACH - Jirčanka 13, Polka 13
D 400 - 11 - TONDACH - Hranice 11
D 400 - 21 - RÖBEN   MONZA
D 400 - 22 - RÖBEN   FLÄMING
D 400 - 23 - STODO

Snowstopper typ C for concrete tiles, plain tiles

C 370 - BRAMAC - Moravská
C 380 - BRAMAC - Alpská, Římská, KM BETA, BESK, BETONPRES
C 315 - TONDACH - Bobrovka

Ventilating Tiles

Ventilating Tile plastic - low

TONDACH francouzská 12
TONDACH francouzská 14
TONDACH brněnka 14
TONDACH bobrovka
KM BETA
BRAMAC alpská
BRAMAC MAX
CEMBRIT - Betternit

Ventilating Tile plastic - Chimney - DN 100

TONDACH francouzská 12
TONDACH francouzská 14
TONDACH brněnka 14
TONDACH bobrovka
KM BETA
BRAMAC alpská
BRAMAC MAX
CEMBRIT - Betternit

Ventilating Tile plastic - Chimney - DN 125

TONDACH francouzská 12
TONDACH francouzská 14
TONDACH brněnka 14
TONDACH bobrovka
KM BETA
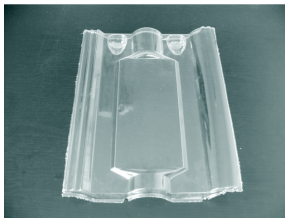BRAMAC alpská
BRAMAC MAX
CEMBRIT - Betternit

Cable grommet

TONDACH francouzská 12
TONDACH francouzská 14
TONDACH brněnka 14
TONDACH bobrovka
KM BETA
BRAMAC alpská
BRAMAC MAX
CEMBRIT - Betternit

F E R E L, s.r.o.

Transparent Tile

TONDACH francouzská 12
TONDACH francouzská 14
TONDACH brněnka 14
TONDACH bobrovka
KM BETA
BRAMAC alpská
BRAMAC MAX
CEMBRIT - Betternit

Spout hooks

Spout hook 125 / 150 STANDARD - Lock in

Spout hook - The length of the hook is 320 mm.
It is produced from material 25 x 5 mm. Hooks are galvanized..

Spout hook 125 / 150 STANDARD - witch metal latch

Spout hook - The length of the hook is 320 mm.
It is produced from material 25 x 5 mm. Hooks are galvanized.

Barevné odstíny - polomat:

RAL 3009 - Oxide red
RAL 7001 - Grey
RAL 8017 - Chocholate brown
RAL 9002 - Grey white
RAL 9005 - Jet black

Roofing accessories FEREL on the roof:

F E R E L, s.r.o.