

Trapac® Snowstop hooks

Ideal solution against roof avalanche



Trapac® Snowstop hook is the universal answer for preventing slipping and falling snow from pitched roofs. The snowstop hooks

are specially shaped metal brackets. They can be installed directly on the roof construction or on the roof tiles.

Product features & benefits

- Even snow load on the entire roof surface
- Quick & easy to install
- Galvanised and powder coated

Area of application

Suitable for:

- New build & refurbishment projects
- Flat & profiled clay & concrete interlocking tiles
- Slate & plain tiles

Material

Snowstop Hooks: galvanised flat steel DX51D-Z275 to EN10142
Overcoating: galvanised & powder coated

Carton Quantity

100pcs

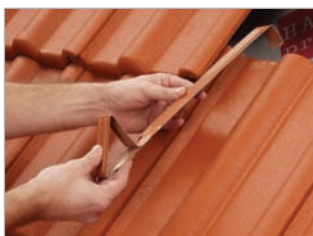
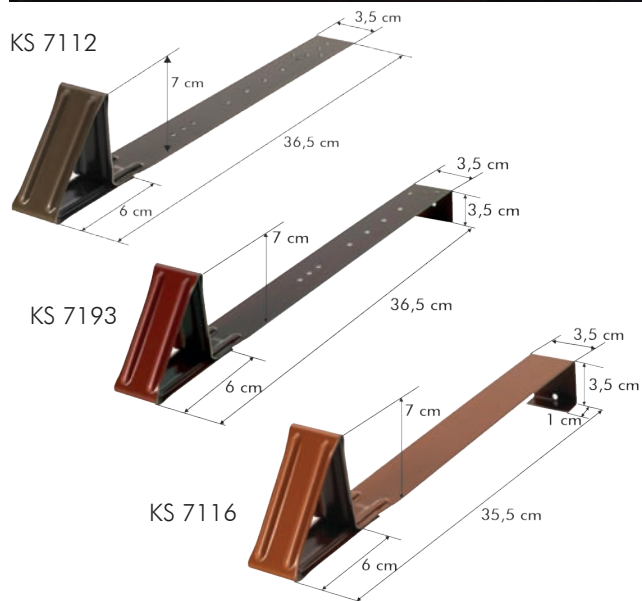
Colour codes

Red -0100
Dark brown -0200
Galvanised -0370
Black -0450

Product codes

Snowstop Hook for Tile 380mm KS 7116
Snowstop Hook for Slate Boarded Roofs KS 7112
Snowstop Hook for Slate Roofs KS 7193

*Please note, not standard stock items, made to order only.

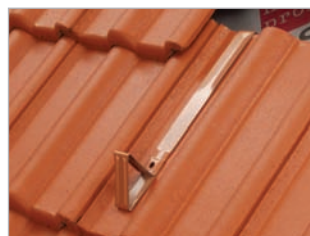


Installation instructions

1. The snowstop hook should be installed directly during the installation of the roof tiles.



2. Fitting to each roof tile insert the snowstop hook centred into the headlap part of the tile.



3. The roof tile above is also laid on the roof's surface so that the snowstop hook is inserted securely in the headlap joint.



4. snowstop hooks should be installed evenly on the entire roof surface from the eaves to the ridge increasing in its number. For particulars, please see the table on the backside and the packaging.

FOR THE CALCULATION OF THE NUMBERS OF SNOW STOP HOOKS YOU NEED THE FOLLOWING INFORMATION:

1. Location of the object	sea level
2. Snow load	acc. DIN EN 1991-1-3, DIN EN 1991-1-3 / NA 1, DIN 1055-5
3. Roof pitch	Roof shape, roof windows, solar systems etc.
4. Roof space	Total space in m ²
5. Roof covering	Kind of roofing tiles and surface characteristics

QUANTITY ON SNOW STOP HOOKS PER SQUARE METRE (WITHOUT EAVE AREA):

Roof pitch	Snow load in kg/m ²											
	Up to	100	200	300	400	500	600	700	800	900	1.000	1.200
20°	2.0	2.0	2.3	2.7	3.0	3.5	3.9	4.2	4.7	5.0	5.7	6.6
25°	2.0	2.0	2.5	3.0	3.5	3.9	4.4	4.8	5.3	5.7	6.4	7.4
30°	2.0	2.2	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.4	7.1	8.3
35°	2.0	2.3	2.9	3.4	3.9	4.6	5.1	5.7	6.2	6.8	7.9	8.4
40°	2.0	2.3	3.0	3.5	4.1	4.7	5.3	5.9	6.5	7.1	8.3	8.4
45°	2.0	2.3	3.0	3.6	4.1	4.8	5.4	5.9	6.6	7.2	8.4	
Beginning with a roof pitch of 45° an additional Trapac® tile and snow guard has to be installed within the first or second course of tiles up from the eaves!												
50°	2.0	2.3	3.0	3.5	4.1	4.7	5.3	5.9	6.5	7.1	8.3	
55°	2.0	2.3	2.7	3.4	3.9	4.6	5.1	5.7	6.2	6.8	7.9	
60°	2.0	2.2	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.4	7.4	

FOR THE CALCULATION THE FOLLOWING SPECIAL CRITERIAS HAVE TO BE CONSIDERED:

- * The snow load can significantly exceeded through:
Snow drift, exposed wind positions, formation of ice, etc.
Consultation with the local building control authorities and familiar craftsmen are important!
- ** Extreme local snow conditions as well special roof shapes, windows or solar systems have to be considered separately for the calculation of the number of of snow stop hooks
- *** A piece-number addition of 25 % has to be calculated when using only on-hooked snow stops for a subsequent installation; the same is valid for all roof coverings with smooth surfaces, e.g. glazed roof tiles

Safety Regulations that have to be considered for Klöber snow stops:

- Have to be installed by experienced craftsmen
- Have to be installed on the complete roof space staggered arranged. This is import to ensure that the snow loads is equally allocated over the complete roof
- Have to be installed at the eave part in a nonstop line on each roof tile
- Due to safety reasons an additional Trapac® tile and snow guard has to be installed below solar systems
- They are not walkable and must no be used for attachment of slaters' ladders or as anchorage points for personal protective equipment