



PISKO RAINWATER SYSTEMS

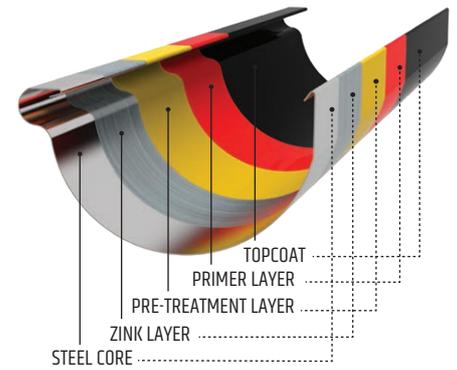
The Pisko rainwater system is designed to work even in the harsh Nordic conditions and are suitable for all roof types and properties.

Pisko rainwater systems are covered by a 50-year technical guarantee.



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The rainwater system components are made of hot-dip galvanized steel, painted on both sides. Steel is the only material of choice for the overall durability of the system, the quality of the coatings and the demanding Nordic conditions. Modern factory-coated steel materials, when properly maintained, have a very long service life, at best up to a human lifetime. Most importantly, the material can withstand external stresses other than just rainwater. The gutters may be leaned on with ladders, the downpipes may be subject to bumps and the gutters and downpipes may collect snow and ice in winter. This is where steel is at its best.



Shape of the gutter

The shape of the front edge of the gutter keeps the water inside the gutter. The design of the front edge also allows the use of two-colour material. The two-sided material makes storage more efficient, as one gutter handle can run two different coloured gutters. Steel as a raw material allows the production of long continuous gutters, resulting in technically highly functional and long-lasting seamless gutters, tailor-made on site. Site manufacture also helps to minimise waste and wastage.

Pisko brackets

Modern brackets on the outside of the gutter, combined with the semi-circular gutter shape, improve cleanability and the overall cleanliness of the gutters. Pisko brackets, even when painted, can be bent to match the slope of the headboard, allowing the hooks to be effectively pre-attached to the gutter before the final installation of the gutter.

Genuine Pisko brackets are made of strong 5mm hot-dip galvanised steel, which is also powder coated using modern methods.

Greencoat RWS Pural multilayer coating

GreenCoat RWS Pural is an excellent coating solution developed specifically for use in rainwater systems. The multi-layer corrosion protection ensures a long service life. Very long aesthetic durability and very good resistance to folding. GreenCoat RWS Pural has the characteristics of the highest quality solution on the market for the protection of mechanically resistant steel Pisko rainwater systems. Manufactured in Finland using the world's cleanest methods, the painted steel is sourced locally and is 100% recyclable at the end of its long service life.

Technical characteristics of the coating

GreenCoat RWS Pural	
Gloss	40
Minimum inner bending radius	0.5 x sheet thickness
Scratch resistance	30 N
Lowest forming temperature	-15 °C
UV radiation resistance on a scale Ruv2 - Ruv4 *)	Ruv4
Corrosion resistance on a scale RC1 – RC5 **)	RC5
Stain resistance	Very good
Highest operating temperature	100 °C
Paloluokitus, EN 13501-1	A2 s1 d0
Coating thickness, nominal (primer + top coat)	40 µm
Nominal thickness of anti-corrosion primer	10 µm
Coating structure	Slightly structured
Steel designation	DX52D/RWS
Zinc coating	275 g/m ²
steel thickness	0.50 mm – 0.60 mm

*) UV radiation resistance test requirements for outdoor and artificial exposure according to EN 10169

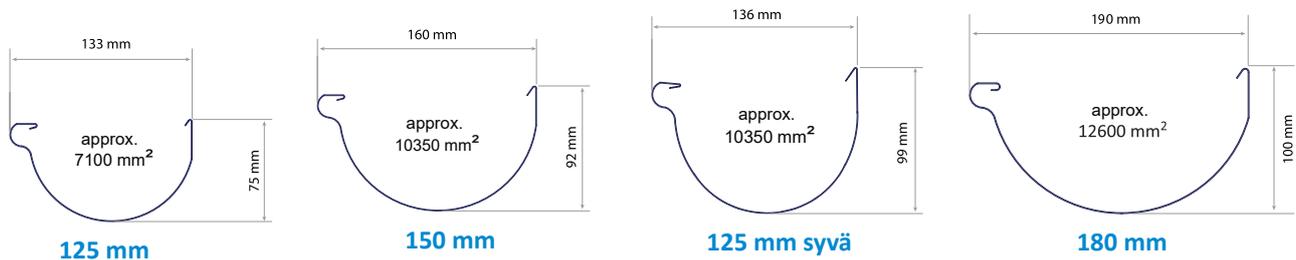
**) Classification into corrosion resistance categories is based on blistering, delamination and damage on bend of the coating after two years exposure in natural outdoor testing sites as specified in EN 10169.

Technical characteristics of Pisko rainwater systems

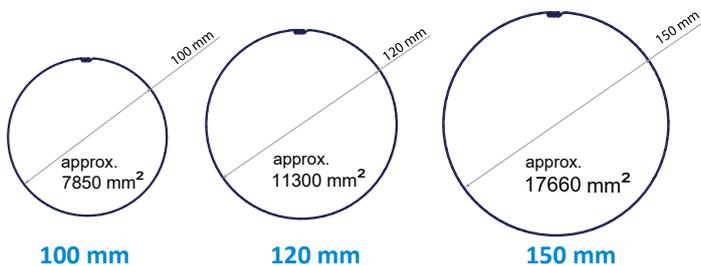
Rainwater system 150/100	
Material of fastening brackets	5 mm x 25 mm galvanised steel
Coating of fastening brackets	Qualicoat 1 compliant domestic powder coating
Mechanical resistance of fastening brackets, EN 1462	Class H, VTT-S-05800-10
Material of gutters and downpipes	DX52D/RWS, Z275
Coating of gutters and downpipes	GreenCoat RWS Pural
Standard conformity of gutter	EN 612, Class X
Standard conformity of downpipes	EN 612, Class X

Technical drawings of Pisko rainwater systems

Gutters:

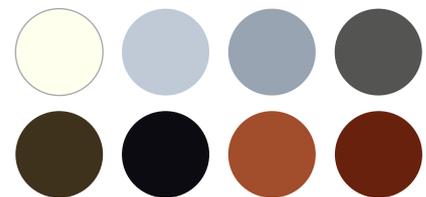


Downpipes:



Stock colours

Standard colours for round rainwater systems are white RR20, light grey RR21, grey RR22, dark grey RR23, dark brown RR32, black RR33, red RR29 and brick red RR750. Other RR and RAL colours are also available.



Warranty

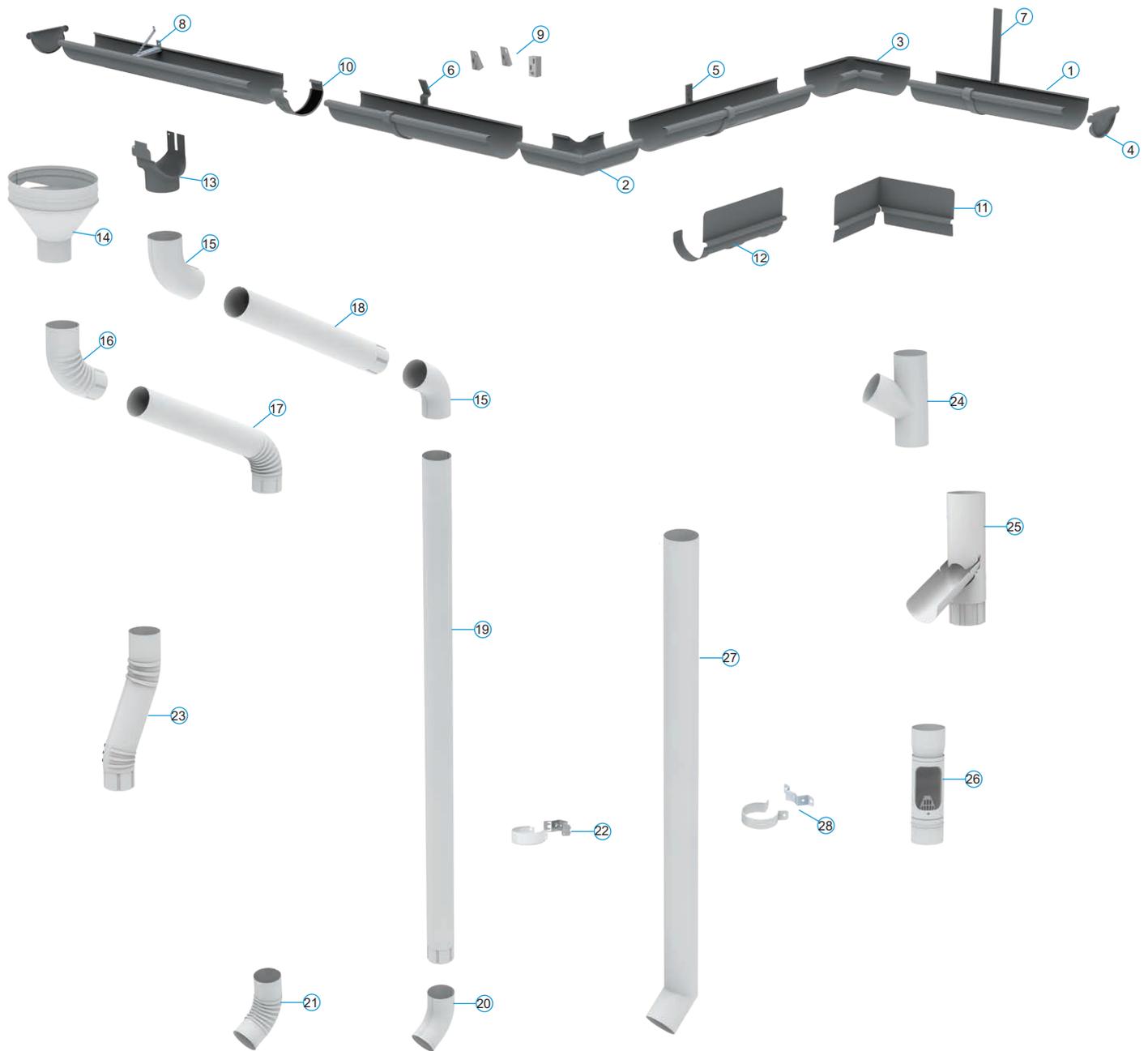
Pisko rainwater systems come with a 50-year technical warranty and a 20-year coating warranty under the Piristeel product warranty.

Maintenance

The Pisko rainwater system is virtually maintenance-free. However, the location and conditions of the building have a significant impact on the amount of maintenance required. In general, very light, regular maintenance is sufficient. As a general guideline, rainwater systems should be checked in the spring and autumn to remove accumulated leaves and debris. In addition, after the winter, check the fixing of the products and the tightness of the seams. Any scratches on the painted surface of the products should be repaired with patch paint. If necessary, the position of the gutters is adjusted and loose fastenings are tightened. Regular maintenance will ensure that the system works as intended and that the guarantee remains valid.

Heavy dirt can be cleaned with steel surface cleaners such as Tikkurila Armour Cleaner or Teknos Rensa steel, according to the instructions of the manufacturer of the cleaning agent. For the removal of very stubborn localised dirt, a rag wipe with turpentine and a water rinse after treatment can be used.

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PRODUCT LIST PISKO RAINWATER SYSTEMS

- | | | |
|----------------------------------|---|-------------------------------------|
| 1. Pisko gutter | 11. Gutter overflow protection, inside corner | 21. Pisko end pipe, with wrinkles |
| 2. Pisko o/s miter 90° | 12. Gutter overflow protection, straight | 22. Down pipe support |
| 3. Pisko i/s miter 90° | 13. Pisko funnel pipe | 23. Passing bend |
| 4. Pisko end cap, right and left | 14. Large funnel | 24. Y-pipe |
| 5. Pisko bracket, short | 15. Down pipe bend, plain | 25. Water robber, bendable end pipe |
| 6. Pisko bracket, angled | 16. Pisko upper bend, with wrinkle | 26. Drain shoe with checkout lid |
| 7. Pisko bracket, long | 17. Pisko middle bend, with wrinkles | 27. Aggression pipe |
| 8. Hidden bracket | 18. Middle pipe | 28. Aggression pipe support |
| 9. Bracket back wedge, block | 19. Downpipe | |
| 10. Pisko gutter joint | 20. End pipe, plain | |