

Sigil MS Nero

Sealant for indoor and outdoor hardwood floors and teak decks for boats



Adhesives
& Sealants

Sigil MS Nero is a one-component, solvent-free MS Polymer sealant. It is resistant to UV rays and marine water, formulated for the creation of expansion joints indoor and outdoor wooden floors. Also suitable for bonding and caulking teak boat decks.

The hardening process does not give rise to bubbles or craters and keeps the adhesion and elasticity characteristics unaltered for a long time.

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Technical data at 20 °C – 60% R.H.

Appearance	Black paste
Density	1.65 kg/litre
Pot-life	40 minutes
Hardening speed	3 mm/24 hours
Trimming/sanding	3 – 4 days
Overcoatable	24 hours
Indicative yield of 1 sausage	About 32 linear meters for 6 mm diameter beads
Shore A hardness	40 - 45
Breaking load	1.60 N/mm ²
Elongation at break	400%
Application temperature	From +5 to +35°C
Tool cleaning	Solvente di Lavaggio S/23; if hardened it can only be removed mechanically
Storage	18 months in sealed packages
Packaging	600 ml sausages



Certifications



Instructions for use

Sealing an outdoor floor (caulking). Joint preparation

1) Coupling dimensions should conform to the following table.

Wooden slats width	Joint depth	Minimum joint width
35 mm	4-5 mm	4-5 mm
45 mm	6 mm	5 mm
50 mm	6 mm	5-6 mm
75 mm	7 mm	8 mm
100 mm	8 mm	10 mm

2) The profile of the wood must be free of bevel such as to create a seat with a regular section to allow the joint to be completely filled (fig.1).



Fig.1. Schematic examples of regular joints

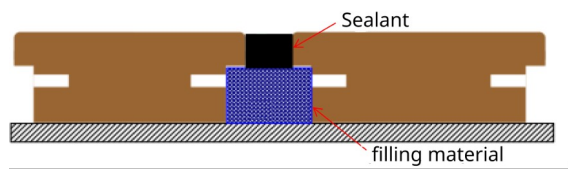
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3) To achieve an optimal caulking, a sheet of marine plywood can be used as a base on the support. The teak flooring is laid on this support creating regular section joints. If the joints are excessively deep, they can be partially filled with a suitable filling material.



4) To ensure perfect and long-lasting adhesion to the sides of the joint, the side surface of the joint must be clean, dry and free from dust, grease and loose particles. Any residues of old finishes must be removed. The humidity of the wood must be less than 15%. No primer should be used.

5) Avoid that the sealant adheres to the bottom of the joint: this is very important to allow adequate expansion or compression of the joint itself resulting from lateral movements of the floor staves caused by climatic variations. For this reason, it is recommended to apply a strip of non-stick tape to the bottom of the joint.

Sealant application

Cut the spout of the sausage and, using a gun, completely fill the joint with the sealant. Position the tip of the spout against the bottom and, keeping the gun slightly inclined, slide the spout along the joint so as to fill it uniformly and without trapping air.

Subsequently, before the surface film forms (within 40 minutes), compact and press the product into the joint using a trowel to ensure complete filling and remove the excess sealant. Protect from water and sunlight for at least 8 – 12 hours. After hardening, the excess product can only be removed mechanically.

After 5 – 7 days, remove the excess sealant with a special knife. At this point Sigil MS Nero can be sanded. It is important that the trimming of the joint is carried out in dry days, i.e. in conditions of withdrawn wood so that the joint in ordinary operation works mainly by compression and not by traction.

Notes

We recommend oil-based finishing such as Oil4Sun, for outdoors, or L'Olio 100% or Crema d'Olio for indoors. It is not recommended to finish the wooden floor with lacquers outdoors.

Avoid contact of the sealant with caustic solutions, bleach, acids and solvents.

Safety standards

PRODUCT FOR PROFESSIONAL USE. Strictly comply with the labelling and consult the safety data sheet before using the product.

Disposal

Dispose of unused product and empty packaging in accordance with local legislation.



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The advice in this technical data sheet is given as an indication and does not in any way engage our responsibility since the methods and conditions of use of the product are beyond our control. We recommend checking the effective suitability for the intended use.

Rev 08 – 21/02/2023. This technical data sheet replaces the previous ones.

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