



600 MI



DESCRIPTION

Single component solvent-free elastic silane-terminated sealant for sealing wood floors both indoors and out. It is easy to apply, offers a high level elasticity which remains constant over time, good adhesion on most surfaces, excellent resistance to chemical products and to atmospheric agents as well as excellent resistance to fresh water and salt water. It can be recoated with oils or with waterborne finishes. Due to its particular chemical characteristics, it does not foam during hardening and the seams do not need to be pre-treated with a primer.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 20°C (indicative values not constituting product specifications):	
Open time (max. handling time) (minutes)	10-20
Overcoating (days)	3
Elasticity (mm)	> 2.0
Application method	Manual pistol for 600 ml packs
Minimum consumption (ml) Example: (depth) 20 mm X (width) 10 mm X (length) 1000 mm	200
Stability and storage (in original, unopened packs stored in a cool, dry place) (months)	24
Standard packaging (ml)	600 x20

APPLICATION

The floor must be laid leaving joints (seams), the width of which must be in proportion to the width of the battens. To perform this operation, use the spacers normally used for fitting ceramic tiles. It is generally considered that the width of the seams should be between 1/20 and 1/10 of the width of the slat (for example if the slat is 100 mm. wide, the seam should be between 5 - 10 mm. wide). Once the adhesive has hardened, clean the sides of the slats to guarantee a perfect adhesion of BLACK-SEAL. The seam must be clean and dry and free of dust and/or contaminating substances. Make sure that the slats have a humidity content that is in line with the environment where they are located. The sealing operation can be performed on rough wood or after sanding with a 36 grain sandpaper. Place a suitable sheathing on the bottom of the seam to prevent sticking "on three points" and to reduce the consumption of sealant. Make sure the temperature of the wood does not exceed 25°C. Use a spout cut at 45° so that the cross-section of the cut has a diameter smaller than the width of the seams to enable the spout to fit easily inside the seam itself. Rest the spout on the bottom of the joint and squeeze the sealant from the bottom upwards to prevent the formation of air bubbles. Allow the sealant to go over the top of the seam by about 1/2 mm. Press the sealant with a flexible spatula within 10 minutes from squeezing it out. To make subsequent removal operations easier, the sides of the slats can be surrounded with ordinary adhesive tape. Make sure that the sealed seams are not exposed to rain or direct sunlight for at least 12 hours. The floor is ready for traffic after 12 hours. Allow the sealant to harden for at least 3 days (at a temperature of 23°C and a relative humidity of 50%) before starting to remove the excess product.

Remove the excess sealant with a belt sander with a 36 or 60 grain sandpaper (if the sanding operation is carried out too soon, some of the black may be removed during coating and this could stain lighter coloured woods). Complete the sanding operation in the usual way using a 100 grain mesh for the last pass.

NOTES

Do not apply the product below 10°C or above 30°C.
Store above freezing.

Safety precautions. Keep the product in a tightly closed, upright container in a cool place away from sources of heat. The product is classified and coded in compliance with EC Directives/regulations concerning hazardous substances. The information for the user is given in the relevant safety sheet. Empty containers or those containing slight traces of the product must be disposed of in accordance with local regulations. VerMeister S.p.A. guarantees that the details given in this sheet are provided to the best of the company's technical-scientific knowledge and experience; however, the company cannot be held responsible in any way for the results obtained with the products as the conditions of application are beyond the company's control. It is always advisable to check the suitability of the product to each specific circumstance. This sheet cancels and replaces all previous editions.