



Product code : 74148

EMFICOL VERIN 74148

DESCRIPTION

EMFICOL VERIN 74148 is a single component polyurethane based elastomeric sealant which cures under the effect of ambient humidity.

Its classifications EC1^{PLUS} according to EMICODE and A+ according to French decree n° 2011-321 guarantee a very low emission of VOC (volatile organic compounds).



AREAS OF APPLICATIONS

EMFICOL VERIN 74148 is specially adapted for sealing metal jacks (for raised floors) on concrete.

EMFICOL VERIN 74148 has good elasticity and tear resistance.

It offers a good adhesion on most of the steel and galvanized steel jacks. For other types of jacks, contact our technical support.

It adheres without primer on substrates commonly used in the building industry: wood (OSB, MDF, HDF, plywood, raw wood or marine plywood), concrete, fiber cement, mortar, terra-cotta, stone, porcelain stoneware, faience, flexible PVC floor covering, etc.

However, due to the large variety of substrates and installation conditions, it is necessary to make tests beforehand on difficult materials (particularly on non-ferrous or lacquered metals, painted substrates and other plastic substrates) to determine whether abrasion or the use of a primer may be necessary to improve adhesion.

Not suitable for substrates like PE, PP, Teflon.

Avoid any contact with oils, plasticizers or other products like bitumen, asphalt, silicone, etc.

TECHNICAL DATA

Appearance	Pasty
Color	7F148B = Cream
Density at 20°C	1.30 ± 0.02
Application temperature	5 to 35°C
Skin formation time at 23°C and 50 % RH	40 to 100 min *
Cure time at 23°C and 50 % RH	3 mm after 24h
Shore A hardness (internal method IT-20 after ISO 868 - 3 seconds)	35 ± 5 after 14 days
Modulus at 100 % (ISO 37)	Approx. 0.50 MPa
Modulus at break (ISO 37)	Approx. 1.00 MPa
Elongation at break (ISO 37)	> 500 %

Product code : 74148 - Version 7 from 27-06-2023
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Writer : CD

Temperature resistance	-40 to +90°C (on cured sealant)
Resistance to dilute acids and bases	Average
Weatherability	Excellent

* this time depends on hygrometry and ambient temperature. In order to ensure a good adhesion, it is mandatory to do the bonding before the product has formed its skin.

INSTRUCTIONS FOR USE

Substrate preparation:

The substrates must be even, dry, dust free and not have any traces of grease or other contaminants that could harm bonding.

For porous substrates (concrete, fiber cement, raw wood, MDF, etc.):

It is recommended to rub down concrete, particularly cement film residue, with a metal brush.

On concrete with a low cohesive surface, apply a primer like PRIMER 2001 if necessary.

Plan a good dust removal on substrates such as agglomerated wood, MDF, HDF and OSB.

If there is a finishing paint, plan a sanding then a dust removal.

For non-porous substrates (metal, lacquered metal, flexible PVC floor covering, etc.):

It is recommended to use a solvent (like acetone), or even the DEGREASER 1001.

Check their compatibility with the substrates.

Note: when using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

If necessary, rub down metallic surfaces beforehand (especially in presence of oxidation). After rubbing down, clean them again (with a solvent or degreaser) and allow to dry for at least 10 minutes.

Bonding:

EMFICOL VERIN 74148 can be applied in dots or beads by a manual or pneumatic gun under the metal jack or directly on the floor.

Use approximately 25 to 30 g for a jack having a base of 80 cm² - given for information purpose, dependent on the nature of the jack, on its form and on its dimensions.

Apply the jack on the floor and press in order to leave a thickness of 1 to 2 mm between floor and jack. The jack can be repositioned for 30 min maximum *. Respect this delay between application of the sealant and installation of the jack.

Allow to cure 48 hours before subjecting to traffic.

This product should be used within 24 hours which follow the opening of the sausage, otherwise the sealant could cure.

Avoid any contact with non-cured MS, hybrid PU or silicone sealants as well as with alcohols or ammonia during curing.

During the installation, make sure that the substrate does not present risk of rising damp or moisture infiltration in whatever form.

Cleaning:

Tools can be cleaned with EMFINET 683, methylethylketone (MEK) or acetone before the sealant has completely cured. After curing, abrasion is necessary.

* this time depends on hygrometry and ambient temperature.

CONSUMPTION

600 ml sausage

Diameter of the cannula	2	3	4	5	6	7	8	9	10
Length (linear meter)	190	85	47	30	21	15	11	9	7

For information purpose, dependent on the bonding conditions (surface's state, substrates, etc.)

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STORAGE AND SHELF LIFE

12 months in closed original packaging stored at a temperature below 25°C.
In cold weather, store the packaging at about 20°C before use.

PACKAGING

600 ml sausages.
Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

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