

DESCRIPTION

WINJOINT SEAL, is a high-quality, one-component polyurethane-based adhesive sealant, specific for floor expansion joints.

The product is classified as F 25HM according to the ISO 11600: 2011 standard. The reduced VOC emission makes it an environmental friendly product, formulated in WINKLER Research & Development laboratories.

FIELDS OF USE

The excellent resistance to oils, fuels, fuels and UV rays, makes the product suitable for application in mechanical workshops, garages, industrial floors, both inside and outside, subject to passage of vehicles, also heavy ones (cars, forklifts, cc.)

Use and application are quick and easy.

Its particular formulation allows a high flexibility, stable even at low temperatures and ageing.

The product adheres to all kind of the supports used in construction and can be easily over-painted.

SURFACE PREPARATION

Surfaces to be treated must be solid, clean and dry.

WINJOINT SEAL, must adhere only over the two vertical walls of the joint to be treated and not at the bottom, since the adhesion on the three sides, in case of tensile / dilatation movements of the materials, could cause the sealant to break.

With joints from 9 mm to 3 cm wide, it will be necessary to insert WINJOINT FOAM (polyethylene curb) as 3rd joint bottom wall. Its sizes must exceed 25% compared to the width of the joint.

RECOMMENDATIONS

Do not add additives.

Do not use if the container is damaged.

Do not add water and / nor solvents.

WARNINGS

Apply WINJOINT SEAL in environmental conditions that can ensure its complete drying in the shortest possible time. Therefore, do not apply the product on surfaces that are frozen or subjected to the rigors of the night, or if rainy weather is forecasted. Apply the product at temperatures between + 1°C and + 35°C.

Avoid contact with bitumen, tar, neoprene, EPDM, butyl or other materials that could release plasticizers and involve color and adhesion loss, to the sealant. It does not adhere to PE, PTFE and PP.

WINJOINT SEAL has an excellent resistance to UV rays, in fact the prolonged exposure does not involve loss of resistance or waterproofing. Over time, a slight color change may occur.

Some chemical agents could give rise to dimensional changes in the product. Do not apply in the presence of alcohol, solvents or non-polymerized sealants.

APPLICATION

After carefully preparing the joint as described in "SURFACE PREPARATION", extrude the contents of the bag with a suitable professional gun.

In order to avoid dirtying the edges, we recommend masking the joint with a paper tape.

For a better aesthetic effect, we recommend to smooth with a solution of water and soap.

EXAMPLES OF CONSUMPTION FOR 12m OF JOINT

Width in mm	Depth in mm	Number of 600ml bags
5	10	1
10	10	2
15	10	3
20	10	4
25	12.5	6
30	15	9

PACKAGING

Box containing 12 x 600ml bags.

CLEANING OF TOOLS

Denatured alcohol with fresh product.

Mechanically after drying.

STORAGE

The product in its undamaged packaging and stored in a dry and protected place, has a stability of 12 months. Not frost proof. Store at temperatures between + 5 ° C and + 35 ° C.

SAFETY INSTRUCTIONS

PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet, edited in accordance with the regulations in force, which contains physical, toxic and other data about the product in use.

ECOLOGY

Do not through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

TECHNICAL DATA (average values)

PRODUCT FOR PROFESSIONALS

PRODUCT CHARACTERISTICS

Chemical nature	Polyurethane
Consistency	Thixotropic paste
Color:	Grey
Cross-linking:	Reacts with moisture
Thickening hardening at 20°C	4 mm/24h
Shore A hardness	42 ± 3
Density at 20°C (g/cm ³):	1.30 ± 0.05
Shrinking	Max. 4%
Exerscise temperatures	-30°C +90°C
Elastic recovery	>85%
Max. working movement	25%
Module E 100%	> 0,8 N/mm ² (DIN 53504)
Max Tension	>1.5 N/mm ² (DIN 53504)
Elongation	>400%

Product complies with the requirements of Directive 2003/53 / EC

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. WINKLER S.r.l. reserves the right to modify and update said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.