

# PRODUCT DATA SHEET

## 2027

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### DESCRIPTION OF THE PRODUCT

Water-based elastomeric waterproofing coloured liquid membrane. The product is 100% solvent-free. Formulated by WINKLER Research & Development Laboratories.

### FIELDS OF USE

**2027** is ideal for protecting and waterproofing surfaces such as concrete, fibre cement, wood, natural stone, bricks, damaged bituminous coverings, and expanded polyurethane.

### SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, loose or friable material, and any foreign or non-adherent substances. Apply the product to a dry surface.

For powdery concrete substrates, it is recommended to apply a preliminary coat of **WINFIX CONCRETE**.

### RECOMMENDATIONS

Do not add any additives.

Do not use the product if the packaging is damaged.

Do not dilute with water or solvents.

### WARNINGS

If **2027** needs to be applied on bitumen-polymer membranes, make sure that the membrane has undergone at least 180 days of oxidation.

Do not apply the product on surfaces subject to water stagnation; surfaces must have sufficient slope to ensure proper rainwater runoff.

Apply **2027** only under environmental conditions that allow it to dry completely and as quickly as possible. Do not apply the product on frozen surfaces, surfaces exposed to nighttime frost, or during rainy weather. Protect the treated surface from water, rain, and snow for at least the first 24 hours after application.

Apply at temperatures between +5°C and +35.

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## APPLICATION

The product is ready to use and can be applied using a roller, brush, or airless spray gun. Apply the product in two coats (allow at least 24 hours between the first and second coat) to achieve a homogenous layer and the ideal thickness for waterproofing.

For corner reinforcement and sealing, it is advisable to apply **BC SEAL BAND**, a self-adhesive band covered with non-woven fabric.

For waterproofing and sealing around roof penetrations such as drains, ventilation pipes, and other fittings, use **BC SEAL PAD**, a self-adhesive waterproof square, in combination with the **BC SEAL BAND**.

## SURFACES WITH JOINTS

### Joints up to 1 cm wide

Seal using the joint cover strip **WINJOINT BAND** (a waterproof elastic band made of rubber and polyester fabric, suitable for joint waterproofing) as follows:

- After creating new joints or restoring existing ones, apply **2027** along the sides of the joint, extending slightly beyond its width.
- While the product is still wet, lay the **WINJOINT BAND** over the joint, ensuring the perforated side of the band adheres to the area already coated with **2027**.
- Once dry, the product can be fully covered with the final coat of **2027**.

### Joints wider than 1 cm

For joints wider than 1 cm, use **WINJOINT FOAM** (compressible polyethylene foam backer rod), **WINJOINT SEAL** (polyethylene sealant), and **WINJOINT BAND** as follows:

- After creating new joints or restoring existing ones, insert **WINJOINT FOAM** into the joint to the desired depth.
- Extrude **WINJOINT SEAL** along the full length of the joint on top of the foam.
- Once the sealant has cured, apply **WINJOINT BAND** over the joint as previously described for joints up to 1 cm.

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## CONSUMPTION

0.7-1.0 kg/m<sup>2</sup> in two coats

## PACKAGING

1 kg cans

5-10-20 kg buckets

## STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

## SAFETY INSTRUCTIONS

### PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

### DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

## TECHNICAL FEATURES (average value)

FEATURES	STANDARD	RESULT
Appearance	-	Medium-density Paste
Colour	-	White – Grey – Red – Terracotta -Green
Density at +20°C	EN ISO 2811-1	1.55 ± 0,05 g/cm <sup>3</sup>
Touch-dry time at 20°C		60-90 minutes
Solid content	EN ISO 3251	55 ± 2%
pH	UNI EN 8490-4	9 ± 1
Brookfield viscosity at 20°C	UNI EN 8490	3.000 + 500 cPs

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## VOLATILE ORGANIC COMPOUNDS EMISSION

PARAMETER	MAX. ALLOWED CONCENTRATION ( $\mu\text{g}/\text{m}^3$ )
TVOC after 3 days	$\leq 750$
TVOC after 28 days	$\leq 60$

Test performed by the EUROFINIS Institute according to EN 16516, ISO 16000-3/6/9/11 and ASTM D5116-10. Test report n. 392-2017-00404102\_G\_EN\_02.

The product complies with the requirements of Directive 2003/53/EC.

## PRODUCT FOR PROFESSIONAL USE ONLY

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