

Technical datasheet

ELASTIFLEX



Product Code: 62601 Waterproofing

DESCRIPTION

Highly elastic water-based paint for waterproofing vertical and horizontal surfaces, certified for cracks up to 0.9 mm and resistant to cracks up to 1.5 mm. Resistant to microorganism growth. Formulated with photoreticulable pure acrylic resins, offering excellent mechanical properties, waterproofing capabilities, and a wide range of permanent elasticity (-20°C to 60°C). Effective barrier against carbonation.

USE: INTERIOR - EXTERIOR

Especially recommended for vertical waterproofing of façades, walls, partition walls, and light wells with cracks ranging from 0.9 mm to 1.5 mm. It is also particularly suitable for horizontal surfaces and for resolving moisture problems in hard-to-reach areas.

PROPIEDADES

- Contains anti-mould preservatives
- 100% acrylic with excellent waterproofing and mechanical properties
- High filling capacity for cracks and small fissures up to 2 mm
- Maximum elasticity
- Resolves moisture problems on façades
- Effective carbonation barrier, breathable
- 100% acrylic, photoreticulable
- Available in façade and waterproofing colour card colours
- Maximum coverage and stability guarantee
- High tensile strength
- Prevents microcrack formation due to substrate movement
- Improves the surface's energy efficiency

CERTIFICATIONS

- Crack resistance: Class A4. UNE-EN 1062-7
- Water vapour permeability: $S_d = 0.67$ m. UNE-EN ISO 7783-2
- Liquid water permeability: $w = 0.0035$ Kg/(m²·h^{0.5}). UNE-EN 1062-3
- CO₂ permeability: $S_d = 59$ m. UNE-EN 1062-6
- Tensile strength: $\sigma = 1.53$ N/mm². UNE-EN 1542
- Solar reflectance: 83.1%. ASTM E903-12
- Emissivity: 0.83. ASTM C1371-15
- SRI Index: 102.8. ASTM E1980-11

Finish: Semi-matt

Colour: Exterior Colour Card & Junomatic tinting system

Viscosity: Min.180 P S/FR1007

Density: P & TR Bases: 1,44 ± 0,05 g/cc S/FR1001
RED: 1,40 ± 0,05 g/cc S/FR1001

Drying time: Touch dry in 2 hours

Min. repaint time: 24 hours

Max. repaint time: Unlimited

Thinner: Water

Yield: 6-7 m²/L per coat for 0,9 mm wide cracks

Tinting: Juno Universal Colourant (max 3%)

Flashpoint: Not flammable

VOC Content: Maximum 30 g/l

62601 WHITE/ P-BASE
62695 DEEP BASE - TR

62602 RED



Format: 4 / 15 L

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SURFACE PREPARATION

TREATMENT OF PATHOLOGIES. The first step in surface preparation is addressing the underlying issues of the substrate.

Main possible pathologies/issues:

- Residual paint or previous membranes: Completely remove using sandblasting or JUNO Paint Remover.
- Lack of leveling: If it exceeds 1 cm, use an appropriate mortar for proper leveling.
- Contamination or dirt: Use pressure water with detergent, rinse, and allow to dry.
- Cracks and fissures:
 - If they are smaller than 0.6 mm: clean, remove efflorescence, mould, and allow to dry completely.
 - If they are larger than 0.6 mm: widen them in a wedge shape, remove dust, and apply **Primerlite (code 21.702)** or **Hidrocril (code 81.006)** before filling with **JUNO acrylic caulk (code C71.111)** and finishing with **Plaster RAP (code 77.301)**.

TREATMENT OF CRITICAL POINTS. Before applying liquid waterproofing to the roof surface, it is essential to address critical points such as plinths, drains, downspouts, chimneys, and vertical joints. These areas should be reinforced first, prior to the complete system reinforcement.

CHOOSING THE SYSTEM BASED ON THE SUBSTRATE

Once the surface is prepared, the system to be applied will be selected based on the type of substrate and its condition.

SURFACE	CONCRETE, CEMENT MORTAR, PAINTED WALLS	FAÇADE BRICK, CERAMIC FINISH
PRIMER	Primerlite (21.702) /Akriil 80 (42.115)	Consult with Technical Department
FINISH (2 or 3 coats)	Elastiflex	

SYSTEM REINFORCEMENT

For façades with cracks up to 2 mm covering more than 30% of the surface, an anti-crack system will be applied, consisting of a mortar reinforcement with mesh.

APPLICATION TIPS

Stir the contents of the container thoroughly until fully homogeneous.
Apply to stable, clean, completely dry surfaces, free of efflorescence (salt deposits) and mould.
Dilute the product as needed, depending on the porosity and condition of the substrate.
Fill small cracks with undiluted paint, preferably using a brush, ensuring the crack is completely sealed and covered.

ENVIRONMENTAL CONDITIONS

Do not apply to surfaces with temperatures below 5°C or excessively hot.
The surface temperature should be at least 3°C above the dew point, and relative humidity should not exceed 80%.
Avoid application in conditions of rain or strong winds. If the paint is exposed to water before it has fully dried, it may cause component dissolution, resulting in stains (snail effect).

APPLICATION METHOD

Brush, roller, or spray gun.

CLEANING

Immediately clean any stains and tools with soapy water.

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OBSERVATIONS

Avoid puddles or water accumulation on the product. Use only the JUNOMATIC tinting system and colourants for tinting this product.

SAFETY AND ENVIRONMENTAL CONSIDERATIONS

Minimize product waste by accurately estimating the required amount, taking into account the surface area, porosity, and texture of the substrate. Store any leftover material in a cool, dry, and well-ventilated area. Ensure the container is clean and appropriately sized for the remaining product. Seal containers securely and store them upright to avoid spills. Protect containers from freezing, excessive heat, and direct sunlight. Recycle any unused product to reduce environmental impact.

Avoid eating, drinking, or smoking while handling or applying the product. Ensure that surface preparation and application are carried out with proper safety precautions. For detailed information, refer to the Safety Data Sheet.

If the product comes into contact with eyes, rinse thoroughly with clean water. Keep out of reach of children. Do not dispose of the product in drains or the environment. Dispose of it at an authorized waste collection facility. Consult your local authority for guidance on proper recycling of containers, waste, and leftover paint in accordance with environmental laws and regulations.

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