

# Technical Datasheet

## JUNOTERAS



Product code: 62641 Waterproofing

### DESCRIPTION

**Water-based elastomeric waterproofing paint, formulated with acrylic copolymers for horizontal and vertical surfaces. Once applied and dried, it forms a continuous, seamless, breathable, and resistant film. Ideal for surfaces where water infiltration needs to be prevented.**

### USE: INTERIOR - EXTERIOR

Recommended for waterproofing horizontal surfaces such as terraces and concrete slabs, provided there is a water drainage slope greater than 1% and/or cracks smaller than 0.6 mm.

Also suitable for vertical surfaces and for addressing moisture issues in hard-to-reach areas not exposed to continuous traffic.

### PROPERTIES

- UV-resistant solid colours
- Eliminates water infiltration issues
- Excellent adhesion on mineral surfaces and asphalt felt/fabric
- High filling power for cracks and small fissures up to 0.6 mm
- Good flexibility and elasticity. Breathable.
- High weather resistance
- Enhances the surface's energy efficiency
- Excellent waterproofing and mechanical properties
- Available in waterproofing colour chart colours

### CERTIFICATIONS

- Water vapour permeability:  $S_d = 2.01 \text{ m}$  (UNE-EN ISO 7783-2)
- Liquid water permeability:  $w = 0.02 \text{ Kg}/(\text{m}^2 \cdot \text{h}^0.5)$  (UNE-EN 1062-3)
- CO<sub>2</sub> permeability:  $S_d = 516.65 \text{ m}$  (UNE-EN 1062-6)
- Tensile strength:  $\sigma = 2.59 \text{ N}/\text{mm}^2$  (UNE-EN 1542)
- Fire reaction classification: B-s1, d0 (UNE 13501-1)
- Solar reflectance: 80.5% (ASTM E903-12)
- Emissivity: 0.83 (ASTM C1371-15)
- SRI index: 99.0 (ASTM E1980-11)

**Finish:** Semi-matt

**Colour:** White, Red, Green, Grey, Tile red

**Viscosity:** Minimum 180 P S/FR1007

**Density:**  $1,43 \pm 0,05 \text{ g}/\text{cc}$  S/FR1001. White & colours

**Drying time:** Touch dry in 2 hours

**Minimum repaint time:** 24 hours

**Maximum repaint time:** Unlimited

**Thinner:** Water

**Practical coverage:**  
2 L/ m<sup>2</sup> Achieve 1 mm dry film thickness

**Tinting:** Juno Universal Colorant (max 3%)

**Solids in volume:**  $51 \pm 2\%$  Theoretical in white

**Flashpoint:** Not flammable

**VOC Content:** Max. 30 g/l

62641 WHITE  
62643 GREEN  
62645 TILE RED

62642 RED  
62644 GREY

Formats: 4L / 15L



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### SURFACE PREPARATION

**TREATMENT OF PATHOLOGIES.** The first step in surface preparation is addressing substrate pathologies. Main pathologies:

- Previous paint or membrane residues: Completely remove using sandblasting or JUNO Paint Remover.
- Lack of leveling: If it exceeds 1 cm, use a suitable mortar for proper leveling.
- Contamination or dirt: Use high-pressure water with detergent, rinse, and allow to dry.
- Cracks and fissures:
  - Less than 0.6 mm: Clean, remove efflorescence and mold, and let dry completely.
  - Greater than 0.6 mm: Widen in a wedge shape, remove dust, and apply Primerlite (code 21.702) or Hidrocril (code 81.006) before filling with JUNO acrylic putty (code C71.111) and smoothing with Plaste RAP (code 77.301).

### TREATMENT OF CRITICAL POINTS

Before applying the liquid waterproofing system on a roof surface, it is essential to address critical points such as skirting, drains, outlets, chimneys, and vertical junctions. These areas must be reinforced before the full system reinforcement is carried out.

### SELECTION OF THE SYSTEM BASED ON THE SUBSTRATE

After preparing the surface, select the appropriate system based on the type and condition of the substrate.

SURFACE	CEMENTICIOUS/ NEW CONCRETE	CEMENTITIOUS/ EXISTING CONCRETE	CERAMIC	METAL	FIBRECEMENT	ASPHALT FELT
PRIMER	Primerlite (21.702) / Akril 80 (42.115)	Junoteras diluted 20%	Dynapok Agua Floors (07.132) diluted 10%	Dynapok Zinc Phosphate Primer (22.722)	Junoteras diluted 20%	Dynapok Agua Floors (07.132) diluted 10%
1 <sup>st</sup> COAT	Junoteras + mesh 160 gr					
2 <sup>nd</sup> COAT	Junoteras					
3 <sup>rd</sup> COAT	Junoteras Finish with 2 or more coats of paint until the mesh is completely covered, ensuring a minimum practical coverage of 2 L/m <sup>2</sup> for the complete system.					

### SYSTEM REINFORCEMENT

The reinforcement allows the absorption of structural movements of the roof, acting as an "anti-fracture" membrane. Additionally, it helps to regularize the surface and increases adhesion to the substrate, preventing wear in localized areas that could become points of water infiltration. After treating the specific critical areas, we proceed with the waterproofing of the entire surface.

Reinforcement of a complete horizontal waterproofing system

1. Surface preparation:  
Thorough cleaning to remove oil, grease, efflorescence, solid residues, dust, and other contaminants that may prevent proper adhesion of the system. Mechanical means (sanding, vacuuming) are recommended, and use of water should be avoided as much as possible. If water is used, it is essential to let the area dry completely before proceeding with priming.
2. Primer application by roller (choose primer according to the type of substrate).
3. Apply the first coat of undiluted waterproofing. Apply using a floor roller (short nap) evenly across the substrate. On this first fresh coat, place the reinforcement element on top of the freshly painted product, overlapping by 5-10 cm, and compact it with the roller to allow air to escape. Ensure it is well-stretched and free of wrinkles.
4. After 24 hours, apply a new coat of waterproofing across the entire surface, ensuring the reinforcement element is completely covered. Finish with two or more coats of paint, ensuring a minimum coverage of 2 L/m<sup>2</sup> across the entire system.

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### APPLICATION TIPS

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

**ENVIRONMENTAL CONDITIONS:** Do not apply on substrates with temperatures below 5°C or excessively high temperatures. The surface temperature must be at least 3°C above the dew point. The relative humidity should not exceed 80%. Avoid application in conditions with a risk of rain or strong winds. If the paint becomes wet before it is fully cured, it may cause the components to break down, resulting in staining (commonly referred to as "water streaking" or "blushing").

**APPLICATION METHOD:** Brush, roller, or spray gun.

**CLEANING:** Immediately clean any stains and equipment with soapy water.

### OBSERVATIONS

Avoid puddles or water accumulation on the product..

### SAFETY AND ENVIRONMENTAL PROTECTION

Minimise product waste by accurately estimating the required amount, considering factors such as square footage, substrate porosity, and texture. Store any leftover material in a clean, well-ventilated, and dry area. Ensure the container is clean and appropriately sized for the remaining product. Always close containers tightly and store them upright to avoid spills. Protect containers from freezing, extreme temperatures, and direct sunlight. Reuse any unused product to reduce environmental impact.  
Avoid eating, drinking, or smoking during the preparation and application process. Ensure all surface preparation and application procedures are conducted with the appropriate safety measures in place. For more details, consult the Safety Data Sheet.  
In case of eye contact, rinse immediately with plenty of clean water. Keep out of reach of children.  
Do not pour into drains or dispose of in the environment. Dispose of waste at an authorised collection point. Contact your local council for information on proper recycling of both containers and waste materials, in accordance with environmental laws and guidelines.

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