

Copertone

Adhesive bituminous paste in water emulsion - waterproofing protective coating

Technical specifications

Copertone is a protective adhesive waterproofing bituminous paste formulated in water emulsion with selected resins and special additives. The product is odourless, non-flammable, non-toxic and VOC-free.

Due to its specific chemical composition, **Copertone** is particularly suitable for sealing and waterproofing terraces of any slope, foundations, retaining walls, and roof surfaces beneath screeds. It can also be used to repair non-walkable slabs on flat, sloped, or curved roofs affected by microcracks or fissures that are not subject to strong movements or expansions, and for protecting surfaces against aggressive chemical agents. Due to its adhesive properties, it can be used to fix insulating materials such as cork, rock wool, etc. When mixed with cement and aggregates, it can be used for minor asphalt pavement repairs subject to light traffic.

Copertone is easy to apply cold, offers good resistance to chemical agents, and excellent resistance to acidic and alkaline solutions. The product is especially recommended in environments where solvent-based products are prohibited.

Instructions for use

Copertone is ready to use.

Stir before application.

Clean the surfaces to be treated: they must be dry, uniform, and solid.

Make sure to remove dust, any loose or crumbling parts, release agents and paints.

The surfaces must be completely dry before application.

Do not apply in adverse weather conditions that may negatively affect the application, spreading, or drying of the product: impending rain, dew, fog, or frost may wash away or prevent proper adhesion of **Copertone** to the treated surface.

Apply evenly, ensuring the product is allowed to dry completely.

Application

Apply by brush, broom, roller, or airless spray.

Preliminary testing on the surface is recommended.

It is advisable to apply the product in two coats. On porous surfaces, apply a first coat of **Copertone** diluted 40% with water; apply the second coat undiluted after 3-6 hours at T=25°C, when the first coat is completely dry.

For waterproofing applications, apply **Copertone** in at least two coats until the desired thickness is achieved.

Apply at temperatures between +5°C and +35°C, avoiding extreme heat or cold during application, spreading, and film drying.

Clean tools immediately after use with water. In case of dried product residue, use hot water or common synthetic thinners for removal.

Consumption

Copertone consumption is approximately 1.0-4.0 Kg/m² per coat.

It is always recommended to check substrate absorption and porosity by performing a preliminary test.

Warnings

Do not apply on hot, damp, or wet substrates as this may negatively affect product performance.

Check the residual moisture content of the concrete substrate before use (preferably ≤5% by weight, for screeds with a density of 2000 Kg/m³), in accordance with UNI 10329.

Do not use to coat surfaces in contact with potable water.

Store in a cool, dry area in the original closed containers.

The product is stable for up to 24 months in unopened original containers.

Protect from freezing: do not store at temperatures below +5°C; if frozen, the product is no longer usable.

Always perform a preliminary test before use.

Handle in accordance with standard safety and industrial hygiene practices. Prevent release of the material or its packaging into the environment.

Refer to the Material Safety Data Sheet (MSDS) for detailed handling and safety instructions.

Additional information is provided at the end of this document.

Packaging

Buckets 10L

Buckets 15L

CHEMICAL AND PHYSICAL PROPERTIES

Physical state		Viscous liquid
Colour		Brown
Smell		Characteristic
Density (T=20°C)	UNI EN ISO 2811-1	[1,08±0,03] Kg/L
Dry residue (T=130°C)	UNI EN ISO 3251	47-53%
pH (T=20°C)		8,0-11,0
Brookfield Viscosity (T= 20°C, spindle 5, 10 rpm)	UNI EN ISO 3219	[30.000±6.000] cP
Dry-to-touch time		3-6 hours*
Full drying time		2-4 days*
Waiting time before applying next coat		12-24 hours*

*Values recorded at T=23°C and 50% relative humidity. Results may vary depending on the thickness or amount of product applied, as well as site-specific boundary conditions such as temperature, humidity, ventilation, and substrate absorption.

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