

Polycoat

Cold asphalt in aqueous emulsion for retaining walls of concrete foundations and temporary waterproofing.



POLYCOAT is a water-based bituminous waterproofing paste. Once dry, **POLYCOAT** forms a protective waterproof film that is resistant to atmospheric agents. **POLYCOAT** is particularly suitable for use where solvent-based products are not recommended.

Certificazioni



PRODUCT COMPLIANT
WITH EUROPEAN STANDARD
EN 1504-2

INTENDED USES

POLYCOAT is used to waterproof concrete foundation walls against the ground.

POLYCOAT can be used for temporary waterproofing, on which a polymer-modified bitumen membrane must then be applied hot.

INSTALLATION TIPS

POLYCOAT is a ready-to-use product. It must be mixed to obtain a fluid and homogeneous product before application, which is carried out using a brush, roller or rubber squeegee.

Before applying **POLYCOAT**, ensure that any loose, crumbly or non-adherent parts, paint, rust, dust, degreasing oils and anti-evaporation products are removed and thoroughly clean the surfaces, which must be solid and free from excessive moisture.

POLYCOAT can also be applied to damp surfaces due to the presence of special additives that allow it to adhere.

It is not advisable to apply **POLYCOAT** in case of imminent rain, dew, fog or frost as the product may be washed away or may not adhere to the treated surface. Avoid extreme heat and cold conditions during application and drying of the film.

Optimal application conditions must be guaranteed for at least 24 hours before and after application. As it is a water-based product, **POLYCOAT** is sensitive to frost and must be applied at ambient temperatures between +5 and +35 °C.

POLYCOAT is applied in two coats, the second of which must be applied at least 24 hours after the first.

After applying **POLYCOAT** to the retaining wall, the film obtained from the double layer applied must be protected by applying draining elements such as Polyfond Kit, Polyfond Kit Drain, Polystuola 20 or Polystuola 20 L. It is recommended to cut the metal support elements of the formwork and cover these points with mortar if necessary.

When used as temporary waterproofing, the product must be applied to the concrete roof slab with a rubberised squeegee.

When used for temporary waterproofing, the product does not replace the permanent waterproofing system. The treated surface must be inspected periodically and, if necessary, maintained or restored until the permanent bituminous membrane is laid.

TECHNICAL CHARACTERISTICS

STANDARD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	NOMINAL VALUES
-	APPEARANCE	-	Thick paste
-	COLOUR	-	Dark brown
UNI EN ISO 3251	DRY RESIDUE (M/M AT 130 °C)	%	49-55
UNI EN ISO 2811-1	DENSITY (AT 20°C)	kg/l	1,21 (±0,04)
-	PH (AT 20° C)	-	8,0÷11,0
-	DRYING TIME OUT OF TATTOO	Hours	4*
-	DRYING TIME FOR RECOATING	Hours	12*
-	CONSUMPTION	kg/m²	1 - 1,5

* The data provided may vary depending on the thickness and porosity of the substrate, humidity, temperature and ventilation.

UNI EN 1504-2 - C COATINGS - PI MC IR PR			
EN 1062-6	CO ₂ PERMEABILITY	m	S _D > 50
EN ISO 7783	WATER VAPOUR PERMEABILITY	Class	I
EN 1062-3	CAPILLARY ABSORPTION AND WATER PERMEABILITY	kg m ⁻² * h ^{0.5}	< 0,1
EN 1542	ADHESION STRENGTH BY DIRECT TRACTION	N/mm²	≥ 1

PACKAGING

5 kg and 20 kg containers.

STORAGE

For correct storage, avoid exposing the cans to direct sunlight and frost; it is therefore advisable to store the packages in cool, ventilated areas at temperatures of +5 °C. Under these conditions, the product will keep for 24 months in its original, correctly sealed packaging.
THE PRODUCT IS SENSITIVE TO FROST.

EQUIPMENT CLEANING

After use, clean the tools with water.

SAFETY RULES

Refer to the current safety data sheet.

LEGAL RULES

The values given are approximate average data relating to the current product range and may be edited or updated by Polyglass SpA at any time without any prior notice. As the Customer or User, it is your responsibility to check that the technical data sheet you have is valid for the batch of product in question and, whatever the case, that you have the latest version issued.
Always refer to the latest up-to-date version of the Technical Data Sheet and relevant Declaration of Performance, both of which you can find on our site www.polyglass.com.
As the End User, it is your responsibility to check that the product is fit for its intended purpose.

PRODUCT FOR PROFESSIONAL USE