

ANCOR PLAST

FLEXIBLE WATERPROOFING MORTAR



DESCRIPTION

Elastic, fluid mortar that combines the advantages of rigid cement-based materials and flexible synthetic materials. ANCOR PLAST is supplied ready for use.

FIELDS OF APPLICATION

Thanks to its characteristics, ANCOR PLAST is used for:

- Coating floors in industrial and craft settings, parking areas, garages, ramps, etc.;
- Protection and restoration of balconies, terraces, road and bridge curbs;
- Waterproofing of new and old constructions, for both interior and exterior applications;
- Waterproof coating of tanks, containers, water reservoirs, and swimming pools;
- Waterproofing surfaces in marine environments where salt resistance is required.

PACKAGING

COMP. A 9,5 kg tank

COMP. B 25 kg polythene-coated paper bag

CONSUMPTION

- 2 kg/m² per mm of thickness;
- 4–6 kg/m² for abrasion- and de-icing salt-resistant coatings;
- 3–4 kg/m² for waterproofing against moisture and groundwater up to 1 m;
- 4–5 kg/m² for waterproofing against moisture and groundwater above 1 m.

Application must always be carried out in two coat.

FEATURES AND BENEFITS

The key characteristic of ANCOR PLAST is its exceptional elasticity, allowing it to absorb movements and bridge substrate cracks. Once the two components are mixed, ANCOR PLAST forms a thixotropic plastic mass that can be easily applied to vertical surfaces. The very fine synthetic dispersion ensures strong adhesion to concrete, natural and artificial stone, wood, asphalt, as well as steel, galvanized sheet metal, copper, and similar materials.

After hardening, ANCOR PLAST is waterproof, weather-resistant, frost- and de-icing-salt-resistant, and permeable to water vapor.

Thanks to the formation of a viscous synthetic matrix, ANCOR PLAST achieves high elasticity, allowing it to bridge capillary and shrinkage cracks. In addition to the excellent properties mentioned above, it also offers high abrasion resistance and anti-slip performance. ANCOR PLAST coatings are dust-free and resistant to engine oils and, for short periods, to fuels. ANCOR PLAST contains no chlorides or other salts that could cause corrosion or efflorescence.

CERTIFICATIONS

ANCOR PLAST complies with standard

UNI EN 1504-2: surface protection systems for concrete (DoP No. 205).

Quality management system certified to ISO 9001 (Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



SUBSTRATE PREPARATION

The substrate must be sound, solid, and clean. Formwork release oil residues, grease, dust, rust, and loose parts must be removed.

Exposed reinforcing steel must be pre-treated with APSECOL RESIN.

Holes and other cavities must be leveled with a mortar such as ANCOR 10 MONO or ANCOR RAPID, depending on requirements.

Absorbent substrates (concrete, coatings, plaster, etc.) must be thoroughly moistened beforehand. During application, the substrate must be damp but free of standing water. The temperature of both substrate and material must be between +5°C and +30°C.

PRODUCT PREPARATION

Pour about ¾ of Component A (white liquid) into a plastic container and slowly add Component B (grey powder) while continuously mixing with a mechanical mixer. Then add the remaining latex (about ¼) until a homogeneous, lump-free mass is obtained.

ANCOR PLAST

FLEXIBLE WATERPROOFING MORTAR



METHOD OF APPLICATION OF THE MIXTURE

Well-mixed ANCOR PLAST is applied with a brush, spreader or notched trowel, or roller, in at least 2 coats on the previously prepared substrate. For horizontal applications, the liquid material is applied with a roller, and the second coat is spread with a notched trowel or float. For each individual coat, a maximum thickness of 1.5 mm must not be exceeded. The next coat may be applied when the previous one is walkable and completely dry, but no later than 3 days. The total coating thickness must be 2–3 mm for floors and 1.5–3 mm for walls (depending on water exposure).

TOOL CLEANING

Clean with water while the product is fresh. Once hardened, removal must be done mechanically.

WARNINGS

Regular curing and high impermeability are achieved when ANCOR PLAST does not dry too quickly. Therefore, protect the fresh coating from strong winds and intense sunlight.

CURING

Refer to the table below for curing times:

Pot life	2 hours (at 10°C) 1 hour (at 20°C) 25 min (at 30°C)
Walkable	16 hours (at 20°C)
Full curing	7 days (at 20°C)

STORAGE

Shelf life: 12 months if stored in the original packaging, in a dry place free from moisture. Store at temperatures between +5°C and +35°C.

DISPOSAL

Dispose of the contents and/or container in accordance with local regulations.

HEALTH AND SAFETY WARNINGS Per le For information on safety standards, hazard indications, and precautionary advice, refer to the latest Safety Data Sheet, available on request at: ufficiotecnico@apsebg.it



TECHNICAL DATA

PHYSICAL CHARACTERISTICS (at +20°C)

CHARACTERISTIC	STANDARD	RESULT	
		Comp. A	Comp. B
Appearance	-	Powder	Liquid
Color	-	Grey/beige	White
Bulk density	EN 1015-6	1,8 ± 0,5 g/cm ³	1,05 ± 0,2 g/cm ³

PRODUCT PERFORMANCE IN ACCORDANCE WITH UNI EN 1504-3

CHARACTERISTIC	STANDARD	RESULT
Water vapor permeability	EN ISO 7783	Class I
Capillary absorption and water permeability	EN ISO 1062-3	w < 0,1 kg/m ² x h _{0,5}
Direct tensile adhesion strength	EN 1542	> 0,8 N/mm ²
High crack resistance	EN 1062-7	A5 (23°C)
Resistance to severe chemical attack	EN 13529	Swimming pool water (class III)
Reaction to fire	EN 13501-1	F

The above data are information obtained based on our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes all previous ones, all under the continuous verification of data according to the new current Standards and our ISO 9001 management system. Please feel free to check the most up-to-date version of this Data Sheet on our website www.apse.it

