



مصنع أنقى
Anqa Factory

ANQA HYBO PU

Polyurethane Waterproof Coating



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DESCRIPTION:

ANQA Hybo PUD is one component, water based, modified polyurethane/Acrylic, water based. It produces a seamless membrane elastic coat for roofs waterproofing and protection.

ADVANTAGES:

- Ready mixed one component
- Excellent adhesion on various surfaces
- UV resistant
- Great crack bridging
- Highly durable and easy to apply by brush, roller or airless spray gun.

APPLICATION AREAS:

- Exposed roofs, balconies and decks.
- Wet areas, kitchens and bathrooms (under tiles).
- Basements and retaining walls.
- Bridge platforms.
- Internal and external applications.
- Applicable for concrete, wood, metal, gypsum boards and bituminous surfaces.

APPLICATION PROCEADURE:

Surface preparation: All the surfaces must be cleaned and made free of dust, dirt, moss, oil, grease and other loose particles. This can be achieved by grit/sand/shot blasting. As a minimum, vigorous wire brushing should be employed. All pin holes and surface defects shall be repaired with a suitable Anqacrete concrete repair mortar.

Priming: Anqa Hybo PUD does not require priming and can directly be applied onto the concrete surface. In case of highly porous surface, a priming coat is recommended to seal the pores and stabilize the surface. The primer coat can be produced on site by diluting Anqa Hybo PUD 1:1 with water. Apply the primer coat @ 5m²/L and allow to dry.

Mixing: Anqa Hybo PUD is a single component product but mix the contents of the pail thoroughly prior to application to remove any sediment. A slow speed drill and suitable paddle mixer shall be used to avoid the formation of air bubbles

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APPLICATION: The coating can be applied with a brush, roller or airless spray and shall be applied in a minimum of 2 coats. The 1st coat shall be allowed to dry completely before the 2nd coat is applied. The 2nd coat shall be applied cross wise to the first coat. The coating will achieve its full strength after a curing period of 7 days.

Corner detailing: It is recommended to reinforced all corners with compatible sealing strip. The sealing strip shall be embedded into the first coat whilst it is still wet and covered fully with the second coat.

Tools Cleaning: All tools should be washed and cleaned immediately after use with clean water. Cured material could only be removed mechanically

CONSUMPTION:

Approx. 1.2 kg/m² @ two coat @500-micron thickness.

HEALTH & SAFTEY:

Skin & Eye contact: Avoid prolong contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

Flammability: Nonflammable materials, nonhazardous when dried materials burn.

SHELF LIFE:

12 months for unopened containers, use old first.

PACKING:

20 kg /Pail /per pallet

TECHNICAL PROPERTIES

Color Grey, white and black

Specific Gravity 1.25 ± 0.05

Solid Content 50 ± 2% by volume
60 ± 2 by weight

Tensile Strength: > 2 MPa @23°C
ASTM D412, Die C

Elongation: >400%
ASTM D412, Die C

Shore A Hardness: 60 ± 5
ASTM D2240

Water Permeability: Nil
DIN1048 (5 bars)

Adhension to Concrete: > 1.9 MPa
ASTM D4541

Crack Bridging: 3 mm @ 23°C
ASTM C1305

Service Temperature -5 to +70°C