

AQUAMAX EXTREME VI

Water-based polyurethane finishers

DESCRIPTION

Two-component water-based polyurethane varnish with very high hardness and chemical resistance, even higher than solvent-based polyurethane. Very high solids content providing great covering capacity with very resistant finishes.

Ideal for high traffic systems and those with

the most stringent demands. Unaffected by chemical agents such as bleach, hydrochloric acid and vinegar. Impervious to staining by wine, coffee and oil.

Presealing with Hydroprimer CI or Hard Sealant is required. Suitable for indoor and outdoor usage. Matt, satin or gloss finish.

PRODUCT FEATURES

Very high hardness and chemical resistance, with very high solid content; suitable for all surfaces.

RECOMMENDED USES

To use as a scratch resistant; clear, non-yellowing sealer to produce a variety of finishes from low sheen to high gloss, for indoors and outdoors applications.

PROPERTIES

It is used as a clear, UV stable surface sealer to protect Micro cement and pigmented or clear epoxy coating when used in extreme situations.

- Excellent scratch and wear resistance – highly durable and long lasting.
- Provide great covering power.
- UV resistance – will not yellow when exposed to direct sunlight.
- Low / no odor.
- Water - based – non-flammable and environmentally friendly.
- Easy application – by roller or airless spray for fast installation.

GLOSS GROUPS

Glossy, satin and matt.

COVERAGE

8 m²/li on a smooth impervious surface and up to 6 m²/li on a porous surface.

MIXING RATIO

Base 5 parts by volume
Hardener 1 part by volume

APPLICATION METHOD

By roller: Pour the varnish mixture onto the surface, spread with a rubber trowel.

By airless spray: Adjust viscosity with water.

POT-LIFE

In use Pot-life

Temp. +10 °C	4 h
Temp. +20 °C	3 h
Temp. +30 °C	2 h

DRYING TIME AT 20°C AND 50% RELATIVE AIR HUMIDITY

Dust dry after 1 hours
Light trucking after 24 hours
Fully cured 7 days

DENSITY

1.0 kg / li. (mixture)

APPLICATION CONDITIONS

The substrate moisture should not exceed 8 %. The temperature of the ambient air, surface or coating should not fall below +5°C during application or drying. Relative humidity of air should not exceed 80%.

When used outdoors, the applied film must be protected from rain for a minimum of 12 hours.

OVER-COATING

Over-coating should be done within 2 - 72 hrs. If it surface is not over coated within 72 hrs, it should be abraded.

MIXING OF COMPONENTS

Mix the two components in agitation using a low speed manual drill with a paddle (approx. 2 minutes). Gradually pour the hardener over component A in the correct proportions of base and hardener.

Insufficient agitation mixing or incorrect mixing ratio will result in lumps and uneven drying of the surface, weaken the properties of the coating and risk the success of the application.

Density at 20 ° C	1.000 kg/m ³
Viscosity at 25 ° C	80 cps
Mixing ratio	5:1 %
Abrasion resistance (1 kg load)	10 mg/m ² /1000 rev. H022 wheel
Pot- life a 23°C	2 h - 4 h
Drying time (touch) at 23 °	1 h - 2 h
Full Cure	7 days
Maximum recoat time at 23 ° C	3 day
Temperature of use	5 °C - 35 °C
UV resistance	Excellent
Dilution	Water (maximum 10%)

CENTRAL OFFICE AND FACTORY

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