

AOUAMAX DUR- 20 %

DESCRIPTION	two-component, water borne polyurethane top varnish.
PRODUCT FEATURES	Suitable to be used as a top varnish for epoxy and polyurethane floors.
RECOMMENDED USES	It is used as a scratch resistant, clear, non-yellowing sealer for concrete surfaces to produce a variety of finishes from low sheen to high gloss, for indoors and outdoors applications.

TECHNICAL DATA

Features	It is used as a clear, UV stable surface sealer for pigmented or clear epoxy coating when used in external situations. <ul style="list-style-type: none">• Excellent scratch and wear resistance - highly durable and long lasting• 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	Gloss, Satin and Matt
Coverage	12-14 m ² /li. on a smooth impervious surface and up to 6 m ² /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 on to the surface, spread with a rubber trowel By airless spray: Adjust viscosity with water.
Pot-Life	In use Pot-life

Temp.	Hr.
+10 °C	3
+20 °C	2
+30 °C	1

Drying time at 20 °C and 50% relative air humidity	Dust dry after 1 hour Light trucking after 24 hours Fully cured 7 days
Density	1.0 kg/li. (mixture)
APPLICATION DETAILS	
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 a braded.

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Mixing of components

Mix the correct proportions of base and hardener thoroughly (approx. 2 minutes) by using a low speed hand drill with a paddle. The amount of mixture depends on the area to be coated and on the pot life of the mixture. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface, weaken the properties of the coating and risk the success of the application.

PROPERTY	VALUE	RESULT
Density at 20 °C	kg/m ³	1.000
Viscosity at 25 °C	cps	80
Mixing ratio	%	5:1
Abrasion resistance (1 kg load)	H022 wheel	15 mg/m ² /1000 rev.
Pot-life at 23 °C	hours	1 - 3
Drying time (touch) at 23 °	hours	1 - 2
Full Cure	days	7
Maximum recoat time at 23 °C	day	3
Temperature of use	°C	5 - 35
UV resistance		excellent
dilution		Water (maximum 20%)

