

Technical Data Sheet

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AQUAGLAZE UV

WATER BASED POLYURETHANE NON YELLOWING

Aquaglaze UV water based polyurethane is an aliphatic water borne urethane polymer suitable for floor coating. It is non yellowing. It is based on a pure urethane emulsion.

FEATURES

BENEFITS

Aliphatic base Non yellowing, will not discolour on exposure to sunlight.

Water based Non-toxic, non-flammable, clean up in water. Does not change timber colour (compared to solvent systems). No solvent wastage in clean up.

Fast dry Two or three coats can be applied per day compared to one per day with solvent systems.

Glaze: Exterior use on Terraflake / Hydroflor. Contains UV absorbers for non-yellowing and durability. Hardwearing as moisture cured urethane. Internally cross-linked urethane based on new technology for increased hardness.

Flexible

Tough resilient material, resistant to high-heel marks, won't crack.

NOTE WELL:

The product is glossy but not full gloss (described as soft gloss).

Suitable for:

- Terraflake
- Parquet
- Cork and coloured cork
- Particle board
- Pine and other timbers
- Concrete

Finishing Architectural Terrazite / ATZ Micro / Intafloor

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STABILITY

The product has a tendency to form hard non re- dispersible film on pail lids, sides and rims **IF** the lid is not completely re-secured. It is highly recommended that the pails are not worked from but that sufficient material is transferred to a roller tray etc, and the pail resealed. Also, keep the pail out of direct sunlight and store in cool, interior conditions.

APPLICATION:

a) **SURFACE PREPARATION**

Ensure that the timber is sanded to the required finish. Ensure that all dust is removed and that the surface is free from oils, fats etc. It may be applied over old moisture cured polyurethanes providing cleaning and sanding has occurred. Do **not** solvent wipe.

Note: The product will have difficulty “wetting out” (i.e. laying out flat) if oils, greases etc are present.

b) **APPLICATION**

Stir the product before use. However, **stir slowly** so as **not** to incorporate air.

Apply the finish with a roller, brush or foam applicator. Work quickly to ensure a “wet edge”.

Subsequent coats can be applied as soon as the surface is dry and can be walked upon. After the first coat, ensure that the water has dried from the timber before recoating.

In good conditions, three or four coats may be applied in a day.

Ensure a gentle cross breeze is in place so that the material dries quickly.

Generally floors will require four coats to achieve a uniform finish. This may vary depending on the density or porosity of the wood. Sand the second and third coats gently for good results.

Although dry, it is best to keep heavy traffic from the floor for 72 hours. It is particularly important to avoid dragging items across the surface.

Full hardness develops **after 7 days**.

Clean up tools etc with warm soapy water before the product dries.

Do not put used material back into the pail.

COVERAGE RATES

Around 10 square metres per litre. Note that the product can be applied at higher rates but that the drying time will be extended between coats and corners etc with poor ventilation will be slow to dry.

It is best to apply multiple thin coats, rather than heavy coats.

c) **SUBSEQUENT RECOATING**

This product may be refinished at any stage. Clean the floor surface, dry and then sand .

Do not solvent wipe. Two coats are generally necessary.

The same treatment is necessary if it is required to recoat old moisture cured polyurethane floors.