# BEGER AQUA LACQUER SANDING SEALER #AP-500

## Water-Based Sanding Sealer : Low Odour 100% Acrylic Resin

**Description**

Beger Aqua Lacquer Sanding Sealer #AP-500 is a water reducible sealer to be used in conjunction with Beger Aqua Wood System.
Beger Aqua Lacquer Sanding Sealer #AP-500 improves the film build of Beger Aqua System were desired.
No added lead and no added mercury for health and environmental safe.

**Properties for Use**

Beger Aqua Lacquer Sanding Sealer #AP-500 is suitable to use as sanding sealer on exterior and interior wood and it is ideal to build smooth film for topcoat Beger Aqua System. It can be used on most type of timber such as teak, mahogany, pine, cedar, redwood and pressured-treated wood.

**Feature and Benefits**

* Acrylic Nanotechnology penetrates deeper into wood to enhance adhesion and build harder film. More durable than traditional solvent-based wood finish.
* Odor-less formula is safer for everyone.
* Quick drying and Easy to use.
* Easy to apply, give smooth appearance.
* Minimizes tannin bleed discoloration when used with Beger Aqua System.
* Superior protection against mildew, mould and fungal staining.
* Excellent adhesion on any type of wood surface.

**Film Thickness and Spreading Rate**

| | Minimum | Maximum | Typical |
|---|---|---|---|
| * Dry film thickness (microns) | 25 | 30 | 0 |
| * Wet film thickness (microns) | 0 | 0 | 0 |
| * Theoretical coverage rate ($m^2$/Litre/coat) | 10 | 12 | Actual consumption rate depends on application method and surface condition. |

**Physical Properties**

| | |
|---|---|
| * Vehicle type | : Acrylic Resin |
| * Finish | : Matt |
| * Colour | : Translucent White |
| * Viscosity (@25'C) | : 15 - 25 |
| * Specific gravity | : - |
| * Solid by volume | : - |
| * Solid by weight | : - |
| * Dry time (@25'C, 30 mm.DFT) | |
| Touch dry | : 15 minutes |
| Recoat | : 30 minutes |
| Dry to handle | : 20 - 30 minutes |
| * Flash point | : More than 65'C |

**Application Method**

| | |
|---|---|
| * Tool | : Brush, roller or spray gun. |
| * Thinner | : Clean water. |
| * Handling | : Apply full body. If needed reduce up to 3% with clean water. May be applied to warm substrate. |
| | : The moisture content in the concrete should not exceed 14 - 18%. |
| * Condition during application | : Do not apply when wet weather conditions or frost/dew are forecasted within 5 hours of application. |

**Application System**

* Surface preperation

: Proper surface preparation is the key to the successful staining and long lasting durability of stained surfaces.
* If the timber is dense and oily or showing visble tannin stains and watere marks, it should be cleaned to remove any water-soluble extractives that are contained in the timber. This will exsure a clean paint stable surface.
* All surfaces must be clean, sound, and free of any dirt, dust, chalk, oil, grease, and other foreign matter.
* Surface with mold and mildewed areas should be clean with alkaline cleaning solution and rinsed with water.
* To ensure the maximum stain performance, allow all bare wood to dry completely for 12 - 24 hours depending on weather conditions, before applying stain.
* Beger Aqua Lacquer Sanding Sealer #AP-500 is best applied liberally using a paintbrush or a roller (if using a paint roller, tip off with a paintbrush). Beger Aqua Lacquer Sanding Sealer #AP-500 can be sprayed, however thinning should be kept to an absolute minimum (5% with water).

* Typical paint system

: New and uncoated wood
* Sand to remove excess wood grain until surface is smooth.
* For tannin containing wood, use Beger Thinner #M-1199 to reduce the effect of tannin bleeding.
* All surfaces must be clean, sound, and free of any dirt, dust, chalk, oil, grease, and other foreign matter.

: Previously painted, stained or clear sealed wood
* Existing coating film is damaged, remove all loose paint by stripping the entire surface and sand or using chemical stripper to the bare wood in order to improve adhesion. In case of using paint remover, make sure that paint remover is completely wash away before applying wood stain.
* Existing coating film still in good condition, lightly sand with fine grain sand paper then clean surface and remove all sanding dust.

: Wood coat
* Beger Acrylic Filler
* Beger Aqua Lacqer Sanding Sealer #AP-500 — 1 - 2 coats
* Top Coat with Beger Aqua System — 2 - 4 coats

**Storage**

: Handle with care. Mix thoroughly before use.
: The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated
space and away form source of heat an ignition.
: Containers must be kept tightly closed.

**Health and safety**

: Use under well ventilated conditions.
: Do not breathe or inhale mist.
: Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water.
: Eyes should be well flushed with water and medical attention sought immediately.

**Precaution**

: Keep out of reach of children.

**Reference Standard**

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**Packing Size**

: 1/4 Gallon, 1 Gallon.

**DISCLAIMER**

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, We cannot guarantee anything but the quality of the product itselt. We reserve the right to change the given data without notice.