

Technical Data Sheet

<i>Description:</i>	Hydro Sealer 101 - Print
<i>Article Group:</i>	101
<i>Application:</i>	Special Hydro Sealer for MDF and HDF panels in the field of decor floor printing – for use as base coating and subsequent 1 to 3 x cylinder printing. Application with standard roller coater – reverse or moving along feed roll; Putty machine
<i>Characteristics:</i>	Hydro Sealer 101 for HDF floor printing as base coating on MDF and HDF panels. Roller coating application is to follow on Hydro Primer 118. Physically drying system on the base of dispersion with very high water resistance. Hydro Sealer for HDF floor printing is used for chromophore base coating with subsequent 1 to 3 x cylinder printing on printed floors. At first though, application with Hydro Primer 118, afterwards printing colours 111 and UV coatings on acrylate base. These coatings are suitable for built-ups according to DIN AC-3 for wear and tear as well as DIN EN 15468.
<i>Treatment:</i>	Roller application, standard roller coater or putty machine.
<i>Applied quantity:</i>	Depending on the colour shade, 2 – 3 coatings with approx. 8 - 15 g/sqm with intermediate drying
<i>Hardener:</i>	n.a.
<i>Pot life:</i>	n.a.
<i>Dilution:</i>	Water - adjust the viscosity accordingly.
<i>Viscosity:</i>	Delivered viscosity: approx. 25 - 30 sec. DIN cup 6 mm Progressing viscosity – 15 to 30 s 6 mm, according to coating machine.

Curing/Drying: Nozzle drying at an air temperature of 90° C – 130° C
Curing time: according to air speed and nozzle assembly 10 sec to 30 sec processing time. Surface temperature 40 – 60° C max.

Clean-up: Water; remove dried-on lacquer residues with acetone.

Shelf life: 6 months in an original, unopened canister

Dangerous Goods Classification:
Please notice our actual Material Safety Data Sheet

Special hints:

- Keep frost-free!
- Use only non-corrosive tools and equipment.
- To avoid film building, keep water-based lacquers airtight. Use a filter to remove dried particles, dirt, etc.
- Do not empty water-based lacquers and residues in the drainage system.

Klumpp Coatings manufactures premium quality finishing materials for use in controlled environments utilizing suitable application technologies. It is the user's responsibility to verify product compliance with all applicable regulations or permits before proceeding with use. The user must always pre-test finishing products to verify suitability to the desired use before proceeding with any application. Manufacturer makes no warranties, express or implied, including (but not limited to) warranties of merchantability and fitness for particular purposes. Manufacturer will not be liable for any incidental, consequential or special damages or losses derived, directly or indirectly, from or as a consequence of purchaser's use of this product. Performance data is based upon laboratory testing conducted by Klumpp Coatings as applied under ideal laboratory conditions. Since substrate, environment and application are all significant factors in actual product performance, this information should serve only as a general guide and customers should conduct appropriate performance testing on production substrate samples to verify suitability to the desired use. (July 2009)