TECHNICAL DATA SHEET (TDS)

17-0576-110-M

Exterior Sealer Primer
Matt
<20 GU / % at 60°

PRODUCT DESCRIPTION

An alkyd emulsion waterborne exterior sealer primer for use on softwood & hardwood. Capable of blocking tannin bleed in most commonly used timber species. This product is designd and tested for use on dimensionaly stable timber joinery elements such as windows and doors.

TECHNICAL DATA

Viscosity	Approx. 7d'pa's (Poises)	at 20°C
Density	1.29	Kg./dm³
Flashpoint	>60°C	Method: Calculation
Solid content	42	% by volume
Theoretical spreading rate	at 50µm dry	approx. 8 m2/liter
Storage stability	12 Months	>5°C - 35°C, low R.H

APPLICATION METHOD Spray - Air Assisted, Airless, HVLP or Conventional. Can be brushed but may require minor adjustment.

PRODUCT PREPERATION Ready for use - stir thoroughly before use. Paint Temp >15°C.

ADDITIONAL INFORMATION

Additional Info - Although our recommended method of application is AAA spraying, conventional spraying such as the use of a gravity fed pot gun can be conducted with a 2.5mm fluid tip. It may be necessary to thin down the coating to get good flow through such apparatus. Do not thin by more than 10%.

RECOMMENDED NO. OF COATS:	2
REQUIRED WET FILM THICKNESS:	125 - 180µm
MAXIMUM WET FILM THICKNESS:	250µm

SUBSTRATE PREPERATION:

Suitable for all commonly used timber species. Timber moisture content should be between 12 and 16%. The substrate must be clean, dry and free from dust, dirt, grease, silicone and wax prior to sanding. For further guidance and information see additional information on Page 2.

OTHER INFORMATION:

Cleaning	Clean tools and equipment with warm water or Glycol
Thinning	Avoid if possible, water if needed
Storage	Frost free, good airflow, not in direct sunlight.
Shelf Life	Up to 12 Months
Safety Info	Please see Safety Data Sheet
VOC content	13 g/l

MAIN PROPERTIES

- KOMO Certified
- Sealing and prevents bleeding
- Tannin blocking
- Good weather resistance
- Excellent flow and strong vertical hold

MINIMUM RECOMMENDED SETTINGS

Air Assisted Airless (AAA)

Minimum pump size 15:1

Fluid Pressure:	50psi @ 30:1
Air Assistance:	30psi @ 30:1
Tip Size (Thou.):	11-13
Filter size	60

Airless

Fluid Pressure:	1500psi
Tip Size (Thou.):	11-13

Conventional

Fluid Pressure:	Compliant
Tip Size (mm):	2.5mm

DRYING TIMES

Drying at : 20°C and relative humidity of 65%

Dust free	:	**30 Mins**
Handle	:	**2 Hours**
Sanding	:	**4-6 Hours**
Overcoat	:	**5-7 Hours**
Stack	:	**12-24 Hours**

Drying and Curing Conditions:
Maintain a minimum temperature of 16°C throughout drying and curing. During the initial critical drying phase, ensure at least 18°C, humidity ≤65%, and good air circulation.

***If after 1st coat tannins are visible, extend drying times to >12 Hours and maintain a temperature of 18°C or greater with a relative humidity of 65% or lower. Afterwhich**