

PRIMER

GENERAL DESCRIPTION

Definition

A water-based stain blocking primer possessing excellent adhesion properties, for interior and exterior use.

Binder

Water-based polymerized binder, reinforced with Epoxy.

Properties

- Excellent stain-covering (wood tannins, nicotine, soot, perfectly dry water stains*, etc.)
- Exceptional adhesion properties
- Compatible with all current single-component finishes
- Fast drying
- Smooth finish
- Excellent primer/undercoat for wallpapering

Area of application

- As a stain blocking primer prior to application of all types of current single-component water or solvent-based finish.
- As a binding primer on wood, old, but sound paint, ceramic tiles, non-ferrous metals and, following a preliminary test, on hard plastic materials and plastified or varnished substrates, prior to application of all types of current single-component water (correctly prepared) or solvent-based finish.

CHARACTERISTICS ON DELIVERY

Viscosity:	ready to use
Color:	white
Odour:	negligible
Shelf life (20°C):	at least 12 months in cans with tightly fitting lids. Protect from frost.
Packaging:	0,75l - 2,5l - 5l - 10l - 12,5l
VOC:	2004/42/CE A/g 30 g/l (2010) max. 30 g/l

RESULTS OF MEASUREMENTS

Appearance:	Satin matt
Density:	1.42 (average)
Solids:	56 % by weight (average)

Drying time (20°C and H.R. <65 % for white)

- Touch-dry in approx. 1 hour
- Allow 4-6 hours drying time before applying the finishing coat.
- Maximum adherence and hardening after 7 days drying time!

Low temperatures and high humidity levels will slow down drying process.

APPLICATION

State of the substrate

Substrates must be dry, sound and prepared according to the rules.

Preparation of the substrate

Galvanised plate:	wash and rinse
Aluminium:	degrease, sand and rinse
Hard plastic:	plan a test beforehand – sand
Satin-finished or shiny old paints:	verify adherence (cross-cut test) –

Wood/wood pannels:	sand
Faience / glass:	degrease
Baking enamel:	plan a test beforehand – sand

Method of application

Brush, roller, (airless) spray-gun

Dilution

Brush, roller: ready for use

Airless spray

Can be applied undiluted using airless sprayers with a theoretical output of 3 l / min or more

Nozzle:	0.015 - 0.019"
Pressure:	180-200 bars
Filter:	60 mesh

Cleaning of tools

Use water, immediately following use. Clean application tools very carefully both prior to and following use. *Classidur Universal Primer Xtrem Epoxy* is not compatible with other products.

Tinting

Classidur Universal Primer Xtrem Epoxy is available in 6 standard colors. With *ClassiMix* up to 3%. Binders specifically selected for their good stain-blocking properties are used. Consequently, tinting *Classidur Universal Primer Xtrem Epoxy* with universal colouring pastes may involve an incompatibility risk. A preliminary test is always recommended.

Minimum application temperature

+8° C (surface temperature)

Consumption

For optimum stain blocking, allow a minimum of 9-11 m²/l.

Application system

- 1 x *Classidur Universal Primer Xtrem Epoxy*.
- 1-2x monocomponent water-based (interior and exterior) or solvent-based (interior) top coat.

Remarks

- Do not apply *Classidur Universal Primer Xtrem Epoxy* on iron or steel direct,
- *Classidur Universal Primer outdoor-wood* is not appropriate for use on untreated wood outdoor. Use a wood treatment and apply a pest control treatment (fungus, insects),
- Do not apply *Classidur Universal Primer outdoor-wood* on cracked, damaged or chapped wood,
- *Classidur Universal Primer Xtrem Epoxy* is not compatible with other products. Do not mix with distempers. Always use clean tools,
- Dilution with water has an adverse effect on stain-blocking properties,
- Do not apply *Classidur Universal Primer Xtrem Epoxy* to whitewash (risk of substrate blistering),
- *Classidur Universal Primer Xtrem Epoxy* is not suitable as a base coat prior to applying coatings with a consumption of more than 500-600 m² per coat (decorative cellulose-based coatings),
- *Classidur Universal Primer Xtrem Epoxy* for interior use can be applied as top coat (finish).

*Due to its composition, pay attention to waterstains: do a preliminary test or pretreat waterstains with *Classidur P-Rapid*.

See safety data sheet on www.claessens.com

This technical data sheet provides product information and has been compiled to the best of our knowledge. The information corresponds with the latest state-of-art technology and manufacturing experience. Having regard to the wide variety of surfaces and possible limitations with specific buildings, the purchaser / user has still the responsibility of examining the above-mentioned materials in a proper workman-like manner in respect of their suitability for the application intended under the specific conditions prevailing on site. No guarantee can accordingly be given for the basic above-mentioned examples of application and user information. Information provided is not binding and does not establish any separate rights or duties under the contract of purchase, irrespective of their being material or ancillary obligations. This publication ceases to be valid on issue of a new version. You can find the currently valid version of this technical data sheet on www.claessens.com



VERNIS CLAESSENS SA
Avenue du Silo 6
CH-1020 Renens
Tel. +41 21 637 1717
www.claessens.com