

### GENERAL DESCRIPTION

#### Definition

**3 in 1 : stain blocking - indoor/outdoor - base/finishing paint**

A water-based stain blocking satin base and finishing paint for interior and exterior use.

#### Binder

Water-based polymerized cationic binder.

#### Properties

- Excellent stain-covering (wood tannins, nicotine, soot, perfectly dry water stains\*, etc.)
- Excellent leveling
- Excellent weather resistance
- Excellent mechanical resistance
- Non-yellowing
- Rapid hardening
- Easy to apply
- Negligible odour (indoor use!)

#### Area of application

- As a **base and/or finishing paint** prior to application of all types of current substrates indoor and outdoor (old, but sound paint, non-ferrous metals, masonry and, following a preliminary test, on hard plastic materials).
- As a **base and/or finishing paint** on wood (walls and ceilings), indoor or outdoor.

### CHARACTERISTICS ON DELIVERY

Viscosity:	ready to use
Odour:	negligible
Colour:	white
Shelf life (20°C):	at least 12 months in cans with tightly fitting lids. Protect from heat and frost.
Packaging:	1l - 5l - 10l
VOC:	2004/42/CE A/g 30 g/l (2010) max. 30 g/l

### RESULTS OF MEASUREMENTS

Appearance:	Satin 25% (60% angle)
Density:	1.26 (average)
Solids:	50 % 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.
- Progressive hardening in time. Maximum hardening after 28 days.

**Water vapor transmission (M):** Class 2 according to NF EN ISO 7783 (2018)

**Wet abrasion resistance:** Class 1 according to EN 13.300

**Actual covering power:** > 97% with 2 coats, 10 m<sup>2</sup>/l (Class 3)

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

Galvanized plate: wash and rinse

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](http://www.claessens.com)

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 panels:	sand
Baking enamel :	plan a test beforehand - sand

#### Method of application

Brush, roller, spray-gun (airless)

#### 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 3 in 1 Satin** is not compatible with other products.

#### Tinting

With **ClassiMix** up to 3%. Binders specifically selected for their good stain-blocking properties are used. Consequently, tinting **Classidur 3 in 1 Satin** 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 m<sup>2</sup>/l on smooth substrates

#### Application system

Indoor: 2x **Classidur 3 in 1 Satin**

Outdoor: 2-3 x **Classidur 3 in 1 Satin**

#### Remarks

- Do not apply on iron or steel direct
- **Classidur 3 in 1 Satin** is not appropriate for use on untreated wood outdoor. Use a wood treatment beforehand and apply a pest control treatment (fungus, insects)
- Do not apply on cracked, damaged or chapped wood
- **Classidur 3 in 1 Satin** 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
- On smooth and difficult substrates, pretreat with coat of **Classidur Universal Primer Xtrem**

\*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](http://www.claessens.com)

