

# classidur®

## modern plus

### GENERAL DESCRIPTION

#### Definition :

Interior matt solvent based paint, having excellent stain covering ability.

#### Composition :

Special polymerised resin based binder.

#### Properties :

- Rapid hardening
- Odour-free
- Non-yellowing
- Non-saponifiable
- Washable
- Without tension.

#### Area of application :

Can be applied without an undercoat, primer or sealer of any sort directly on dry and sound substrates such as plaster, concrete, mortar, chalking materials, distemper, whitewash, and substrates stained with nicotine, soot or dried water. If applied over a stained or dirty surface, it may be recoated with *classidur modern plus* ONLY. Because of its high abrasion resistance and rapid hardening, *classidur modern plus* is particularly suitable as both an undercoat and topcoat. However, because of their special composition, care should be taken with stains from bitumen, aniline products, products such as wood preservatives containing xylo-phene, creosote, and marks from felt-tip and fibre-tip pens which may not be permanently covered.

### CHARACTERISTICS ON DELIVERY

#### Viscosity :

semi-gel

#### Colour :

white, but can easily be tinted

#### Odour :

odour-free

#### Shelf life at 20°C :

at least 12 months in tightly closed containers. Not affected by frost. Never skins over.

#### Packaging:

2,5 l - 4 l and 10 litre cans.

#### Transport restrictions :

not subject to ADR/RID regulations.

#### Toxicity (CH) :

non-toxic (according to Swiss standards).

### RESULTS OF MEASUREMENTS

**Appearance :** totally matt

**Density :** 1,40 (average)

**Solids :** 70% by weight (average)

#### Drying time (20°C) :

- Touch dry in approx. 2 hours.
- Totally dry and hard overnight.

### APPLICATION

#### State of the substrate :

The substrate must be sound and dry. Any flaking material must be removed. Preparation of substrate not normally necessary; no need for any washing down, primer or undercoat.

#### Method of application :

Brush, roller or airless spray.

#### Dilution :

White-spirit, if necessary. In poorly ventilated areas, it is strongly recommended that *classidur modern plus* be diluted with odourless white-spirit. For brush or roller application, 3-5% at 20°C. Clean tools with white-spirit.

#### Airless spray :

Dilution : 20 - 25%  
Nozzle : 0.018 - 0.028 inch  
Pressure : 150-180 bars  
Filter : 50 mesh.

Note: the amount of dilution depends on the temperature of the *classidur modern plus* paint and the absorption of the substrate.

#### Cleaning rollers: to avoid cleaning:

- wrap the roller in plastic film or
- plunge the roller in water overnight or
- store the roller in a hermetically sealed container.

#### Tinting :

Up to 5% with high quality universal tinting paste (a compatibility test is recommended).

#### Consumption :

Approximately 1 litre per 11 square metres (13.16 square yards).

#### Application system :

One or two coats, depending on the condition of the substrate. The second coat should be applied 12 to 24 hours after the first (traditional method), or as soon as the first coat has turned matt (in this case, a trial on a small, unobtrusive patch is advisable first).

#### Remarks :

- *classidur modern plus* is best applied with a medium length pile synthetic roller.
- *classidur modern plus* must NOT be recoated with solvent based products, high in aromatics content, which could disturb the *classidur modern plus* coat.
- Before application and drying, foodstuffs which are not in closed containers must be removed.
- Add *FS-2 concentrate* when an attack of fungi or mould is likely. You must check with the relevant technical sheet. In areas of elevated humidity, use *classidur - Tradition*.
- *classidur modern plus* can be applied on non-oxidised metals, glass, galvanised iron etc., whenever there are not particular conditions such as humidity, condensation or abrasion. Coating of expanded polystyrene without preparation presents no problem (but always be aware of the fire risk of any painted polystyrene surface).

This technical sheet has been produced to provide advice. The information given is in keeping with our current knowledge and past experience but does not incur our liability.



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