

classidur®

satin 50

GENERAL DESCRIPTION

Definition :

Satin finish interior paint for ceilings and walls, solvent soluble. For new work as well as renovation.

Composition :

Special polymerised resin based binder.

Properties :

- Simplified preparation of substrates
- Perfect adherence
- Washable
- Excellent stain-covering ability
- Odour-free
- Non-yellowing
- Zero tension
- Non-saponifiable.

Area of application :

Satin 50 can be applied without an undercoat, primer or sealer of any sort directly on to coherent substrates such as plaster, mortar, concrete, 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 *Satin 50* ONLY. Also, because of their special composition, care should be taken with stains from bitumen, aniline products, products such as wood preservatives containing xylophene, creosote, and marks from felt-tip and fibre-tip pens which may not be permanently covered.

Because of its good resistance to washing, *Satin 50* is recommended whenever easy maintenance of painted surfaces is required (e.g. schools, kitchens, bathrooms, staircases, industrial and administrative areas etc.)

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 : 10 litre and 4 litre cans.

Transport restrictions : not subject to ADR/RID regulations.

Toxicity (CH) : non-toxic (according to Swiss standards).

RESULTS OF MEASUREMENTS

Appearance : satin finish.

Density : 1,35 (average).

Solids : 66%.

Drying time :

In normal conditions of temperature and humidity (at 20°C and 65% r.h.):

- dust-dry after about 5 hours
- touch-dry after about 8 hours
- totally dry and hard after 24 hours.

Abrasion resistance : conforms to DIN 53778.

APPLICATION

State of the substrate : sound, dry and free of mould.

Preparation of the substrate : not normally necessary; no need for any washing down, primer or undercoat.

Methods of application :

by brush, medium length pile synthetic roller, or airless spray (see below).

Dilution :

Use white-spirit. For brush/roller, use 0-5% at 20°C.

Airless spray:

Dilution : 20-25 %

Nozzle : 0,017-0,028 inch

Pressure : 150-180 bars

Filter : 60 mesh.

Cleaning of tools and clothing : use white-spirit.

Tinting : up to 5% with high quality universal tinting paste (compatibility test is recommended).

Consumption :

approximately 1 litre per 11 m², depending on the absorption capacity of the substrate and the temperature.

Application system :

1 or 2 coats, depending on the condition of the substrate.

Remarks :

- Before application and drying, foodstuffs which are not in closed containers must be removed.
- *Satin 50* must NOT be recoated with solvent based products, which could disturb the *Satin 50* coat.
- The *Satin 50* paint film is reversible with a solvent. If applied slowly or if the diluent used is aggressive, the first coat could be slightly dissolved, especially when applied with a brush. However, the final characteristics are not affected apart from the paint film appearing less uniform. A swift and even application is therefore recommended.
- Good ventilation during application is strongly recommended.
- FS-2 anticryptogamic concentrate should be mixed with *Satin 50* for use in slaughterhouses, butchers, dairies, poorly ventilated cellars, cold-rooms etc. Please consult the relevant technical sheet. In bakeries and other very warm and humid areas, the use of *Satin 50*, even with the addition of FS-2, is not recommended.
- Cleaning recommendations for surfaces painted with *Satin 50* :
- Use normal household products.
- DO NOT USE SOLVENTS.

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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