

Technical Data Sheet

StructurePutz

Acrylic Co-Polymer Water Based Hi-Build Scratch Finish Texture Paint
For Interior And Exterior



Product Description

StructurePutz is a premium quality acrylic co-polymer water based high build scratch finish texture paint. Available in various texture sizes and can be worked over to produce a variety of decorative scratch designs with excellent ability of covering undulations present in concrete and plaster.

Recommended Use

Suitable for interior and exterior use on:

Cement plastered walls

Gypsum boards

Ceiling

Concrete

Rendered fair faced brick masonry

Physical Properties

Volume solids (Aggregate Volume Solids)

1.5 mm 69±2%

2.0 mm 71±2%

2.5 mm 71±2%

Colour Standard as per Caparol 3D System Plus colour card*

VOC 20.4 g/ltr

Thinner/Cleaner Potable clean water

Finish Matt

Packing size 5 & 25 kg

Shelf life 24 months

*Product can be tinted on CAPAROL tinting express system, virtually any colour can be matched and made available instantly.

Advantages

Adhesion to concrete > 0.8 N/mm² fulfils the requirement as per EN 1504-2

Water vapour transmission to Class V₂ according to EN 1602-1

Environment friendly and practically odourless

Can be top-coated with water based or solvent based paint

Characteristic patterns of different style and size of texture can be easily achieved

Liquid water transmission to Class W₃ according to EN1602-1

Surface Preparation

Ensure substrate is sound, clean, dry, free of oil, grease, dust, loose particles, laitance and powder paint etc. All loose material must be removed by stiff bristle brushing. Any damaged areas or surface irregularities should be repaired before application. It is most important that substrates are correctly prepared prior to application of paint.

Mixing Paint

StructurePutz is a single component water based product, should be mixed properly before application. Can be diluted with potable clean water only.

Theoretical Spread Rate

Aggregate Theoretical Spread Rate (m²/kg)

1.5 mm 0.6 - 0.7

2.0 mm 0.5 - 0.6

2.5 mm 0.5 - 0.6

*Spreading rates are indicative, due allowance and wastage factor should be considered in practical application.

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Drying Time

Touch try 2 hours

Dry to over coat* 8 hours

* Drying time generally related to air circulation, temperature, film thickness, no of coats and relative humidity. The given data must be considered as guidelines only. The actual drying time before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. The figures given are typical with: Good ventilation (outdoor exposure or free circulation of air), typical film thickness and relative humidity 70%.

Application Conditions

Substrate temperature should be min.10°C and at least 3°C above the dew point of the air. At application below 10°C drying temperature will be significantly extended and spraying characteristics may be impaired. Paint to be applied to suitable primed surface.

Application Equipment's/Tools

Steel & plastic trowel

Application

Apply to suitably primed substrate 1 coat of StructurePutz (thinned up to 5% with clean potable water) in uniform thickness with steel trowel and texture it immediately with plastic trowel, to avoid lapping on large surface, have enough hands on the job to apply the material wet-on-wet without interruption.

Typical Paint System

StructurePutz can be used on interior and exterior surface as follows:

Interior and exterior surface standard typical paint system*

	Coats
Primer	1
StructurePutz	1
StructurePutz can be used as intermediate or top coat as per specifications.	

*Above mentioned paint system is for general guide line only, can be changed as per specification requirements.

Storage and Handling

24 months when stored in warehouse conditions below 35°C in the original, unopened packs. The product must be kept in in cool, dry well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed and always handle with care. Keep out of reach of children.

Health and Safety

Always ensure good ventilation during application and drying. Do not breath vapors or spray when applying paint indoor by spray, wear proper air supplied breathing equipment's. Respiratory equipment's must be suitable for the purpose and meet an appropriate standards. When applying paint, it is advisable to wear suitable eye protection, in case contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove splashes from skin, use soap and water or recognized skin cleaner. Do not use or store by hanging on a hook. Do not empty contents into wadis, drains or watercourses.

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