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SUPERSET

PRODUCT DESCRIPTION

Superset is part of Nuplex's hand screed range which gives a ready-to-use compound simply by mixing with water. It exhibits very rapid hardening and drying properties.

APPLICATION AREAS

Single component, quick hardening, cement based screed. For resurfacing, filling holes on floors of concrete, particle board and fibre board floor for a thickness of 1-100mm. May also be used as a filler on concrete walls.

Superset is meant to be a surface for carpets, linoleum, PVC, parquet, stone tiles and the like. Superset is used for smoothing floors in such places as homes, offices, hospitals and schools where there is a demand for durability and resistance to wear.

INSTRUCTIONS

The surface should be cleaned of waste, dust, dirt, oil, fat, wax etc. Any laitence should be removed.

Strongly absorbent surfaces, fibre board and particle board and concrete are primed with P610 primer diluted 1:2 (P610 : water), see P610 product sheet. If better durability, adhesion and wear or greater elasticity are required, mix 1 litre FLC emulsion with 20kg. The amount of water is reduced in proportion.

MIXING

Superset is quite tolerant of water level additions:

- 3.6 - 4.0 litres water gives a thick mortar which can be used to form ramps, coves etc
- 4.8 - 5.0 litres water gives a pourable, trowelable paste that is better for thinner screeding. This will be slower to dry than the water level above.

Stir vigorously to a lump-free compound. The compound should be used within 10 minutes at 18°C. Higher temperatures reduce and lower temperatures increase the time.

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NUPLEX CONSTRUCTION PRODUCTS

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SUPERSET (cont'd)

The compound is spread over the surface with a steel trowel. The surface may be walked on after 60-90 minutes at 18°C. The drying times is dependent on ambient temperature, the screed's thickness and the moisture in the surface. Covering should normally be possible after 3-5 hours or when the RH is under the permitted value for the covering.

Note The surface should be protected against drying out too quickly by direct sunlight, high room temperature or other factors which may accelerate drying.

Contact Nuplex Industries for advice if uncertain about use.

COVERAGE AND AMOUNT APPLIED

1.6kg to cover an area of 1m² with a layer 1mm thick.
20kg bag and water will cover 5m² @ 3mm thick.

TECHNICAL INFORMATION

Binder	Special cement
Ballast	Natural sand, max 0.25mm
Compression strength(28d)	>25 Mpa
Adhesion (28d)	>1.0Mpa
Usable time	Approx 10 minutes
Can be walked on after (+20°C)	Approx 60-90minutes
May be covered after	Approx 3-5 hours*
Recommended thickness	Max 1-100mm per layer
Laying temperature	5°C - 25°C
Colour	Grey
Casein	Casein free

Note well:

*Depending on when the relative humidity is under the value for the covering. Drying time is dependent on ambient temperature, the screed's thickness, the surface's moisture content and temperature.

PACKING, DISTRIBUTION AND STORAGE

Superset is packed in 20kg paper sacks equipped with a carrying handle.

If Superset is stored dry then it will keep about 12 months in an unopened pack.