

Satex RM20

Cement based thick repair mortar

Properties

Satex RM20 is a ready to use cement based repair mortar for indoor and outdoor applications. Satex RM20 is easy to use and doesn't cause deflection and cracking. After hardened resistant to frost and weathering. Resistant to freeze-thaw cycle. Provides high thixotropic properties.

Area of applications

Satex RM20 is used on fair faced concrete, prefabricated concrete units, gas concrete and bricks for filling concrete cavities, repairing render and restoring of old buildings. Repairing and plastering the slabs and ceilings. It is layered for up to 4 cm for surfaces thicker than 2 cm. For filling deeper surfaces it is mixed with quartz sand.

Product Data

Base	cement, quartz sand and synthetics additives
Colour	cement grey
Application	with spatula and trowel
Bulk density	approx. $1,6 \pm 0,2 \text{ kg/dm}^3$
Density after mixing	approx. $2,0 \pm 0,2 \text{ kg/dm}^3$
Mixing ratio	25 kg Satex RM20 3,4 - 3,8 lt water
Application temperature	+5°C to +30°C (air and substrate)
Layer thickness	2 cm in several applications (for thicker applications with quartz sand)
Time available for application	approx. 60 dk. at +20°C
Application and	at high temperatures setting time it takes longer, at low temperatures it takes shorter.
Compressive strength after 28 day	(w/c:0,13) >15 N/mm ³
Cleaner	water when still fresh

Working instructions

Preparation of substrates

The substrate must be stable, load-bearing and free from dust, dirt, oil and loose particles. It must be prewetted with water once or several times.

Application

25 kg Satex RM20 is mixed by pouring it slowly to a container of 3,4-3,8 litres water. Mix with electric drilling machine until obtain homogeneous and can be applied with a spatula. The degree of density should be adjusted if Satex RM20 will be applied by spray. Apply the mixed mortar by trowel, spatula or spray to the bonding coat. When applying several layers, the second layer is applied after setting of the first one (approx. 3 hours). Avoid expose to sunlight or wind in order to protect from drying too fast (e.g. cover or keep moist).

Consumption

Depending on the type of the surface. Approx. 2 kg/m^3 and per mm thickness.

Delivery and storage

Satex RM20 is delivered in 25 kg bag. Can be stored dry and in original sealed packing for at least 12 months.

Notes

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