

Technical Data Sheet

GOREND HBS

DESCRIPTION

GoRend HBS is a cement based, self coloured, ready mixed render, normally applied in one coat (two passes). GoRend HBS can be applied from 15mm – 25mm and be cut to achieve Ashlar detailing. Easy to apply and highly suitable for application by machine.

COMPOSITION

Factory composed dry mortar according to DIN 18557 and DIN 18550. Sand according to DIN 4226. Binding agent according to DIN 1060 and 1164.

CHARACTERISTICS

GoRend HBS is suitable for machine and/or hand application. GoRend HBS leaves a scraped through coloured finish.

COLOURS

13 Standard

PACKAGING

25 kg paper bag
40 bags per pallet

COVERAGE

1.6kg/mm/m²

THICKNESS

	Application thickness	After scraping
On backing coat	ca. 12 mm	ca. 10 mm
One coat render	ca. 17 mm	ca. 15 mm

STORAGE

Can be kept for 12 months in cool dry conditions and off of the ground.

BS EN 13914-1:2005

Design, preparation and application of external rendering and internal plastering should be followed at all times.

SITWORK

Scaffolding must be independently tied, to allow uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration, must be rectified.

SITE CONDITIONS

Temperature range, 5 - 30 degrees centigrade. GoRend HBS must not be applied to frozen or thawing substrates. If the coating must be applied in adverse weather conditions, it is essential to protect both the working area and finish before and after application.

SUBSTRATE

GoRend HBS can be applied as a one coat render on medium density blockwork with normal suction. For aerated concrete and low density blocks apply onto backing of ProRend Prep or Lime Cement Primer. For high density masonry and concrete, apply onto backing of ProRend Prep.

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PREPARATION

The background has to be supporting and free from dust, loose particles, damp and other pollution which can be of disadvantage to the bonding. Protect fresh render work against weather influences.

APPLICATION

Mix whole bags at a time to avoid separation of additives, mix with approx 5 litres of water to a homogenous, lump free mass, allow to stand for 5 minutes and mix again. Inconsistency in water content can cause colour variations. Apply GoRend HBS with a stainless steel trowel or rendering machine. Rule level with an aluminium straight edge and spatula flat. When sufficiently dry, between 5 – 36 hours depending on drying conditions, scrape the surface to achieve a uniform colour and texture. Any areas left un-scraped will result in a difference in colour and texture.

CURING

Curing with clean water may be necessary during rapid drying conditions.

VARIATIONS

The chosen colour can differ slightly from the original sample or colour chart. This is due to varying factors including application conditions and background. Subsequent orders of different batches can also moderately vary for which we cannot be held responsible.

HEALTH & SAFETY

Cement powder mixed with water releases alkali. Prolonged skin contact should be avoided to prevent irritation (use barrier cream if necessary). Eye protection is recommended. If gloves are worn, they should not be plastic/latex.

TECHNICAL DATA

Reaction to fire:	A1
Capillary water absorption:	W1
Water vapour permeability coeff:	$\mu \leq 15$
Adhesion:	$\geq 2.0\text{N/mm}^2$, (FB) B
Flexural strength:	$> 2.5\text{N/mm}^2$
Compressive strength:	CS IV
Dry bulk density:	1650 kg/m ³
Thermal conductivity:	($\lambda_{10, \text{dry}}$) 0.82 W/mK (tab. mean value; P = 50%)

nb. Subject to alteration due to technical developments.