

Hydrophobic Render



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RENDER

Hydrophobic Smart Render

- As the Smart White Render but with hydrophobic properties that also come in off-white and grey colors.
- For high-rise buildings, firewall's and other construction where increased water pressure can be a problem
- Easy to mix compared to many hydrophobic products
- Open for moisture to pass through, "breathing", to avoid moisture building up inside the wall.

HYDROPHOBIC



SMART
RENDER **HYDROPHOBIC**

polymer modified renders for
indoor and outdoor use

- white
- grey
- off-white

made in the
philippines for
smart masonry™

weight **40kg**
keep dry

Hydrophobic Off-White Render



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Example of what to avoid



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RENDER **HYDROPHOBIC**

polymer modified renders for
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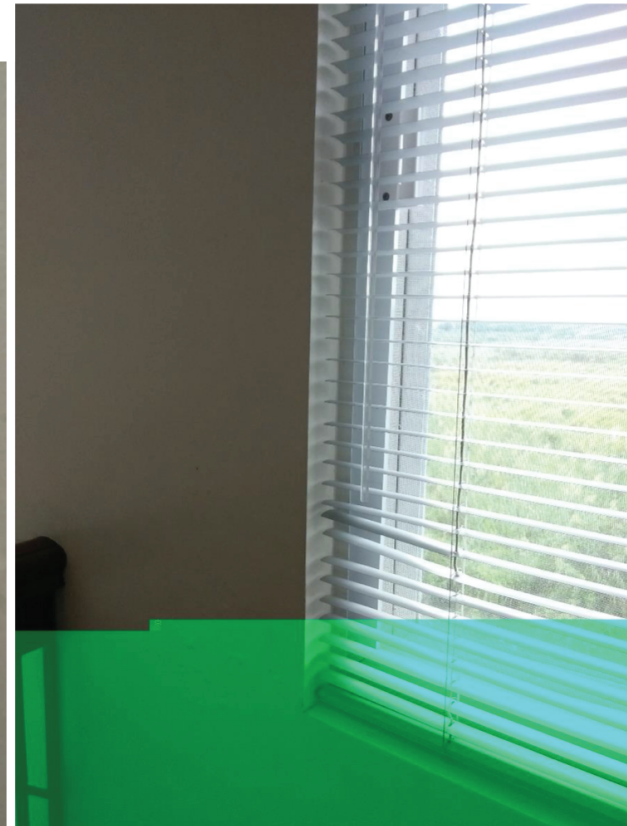
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Seeping water through outer wall.

- Bad protection from palitada with cracks, and traditional block work.
- Outer wall with high wind load.
- Seeping water makes paint bobble up and detach from skim coat.



Rilem 11.4 test, Hydrophobic off-white Render



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Reference values to assess the test results

Reference values based on many years of experience to assess the results of the test are listed in the following. These apply for water penetration tests on both vertical and horizontal surfaces.

The average water per
These represent the m

- 5) Hydrophobed waterproofing or sealing concrete acc. to DIN 4117, Nov. 1960 edition
on outside surfaces 0.1 ml/min.
on fresh surfaces of fractures 0.1 ml/min.
(Note: a fully barrier

Smart Hydrophobic Render absorbs less than 0.01 ml/min. And less than 0.5 ml/hour

- 6) Hydrophobed waterproofing or sealing mortar or plaster acc. to 4117, Nov. 1960 edition, as above according to No. 5

or plaster acc. to 4117, Nov. 1960 edition, as above according to No. 5

7) "Waterproof concrete" acc. to DIN 1048 (not hydrophobed)
on outside surfaces 0.3 ml/min.
on fresh surfaces of fractures 0.5 ml/min.
Note: compliance with the maximum values is an aid to assessment for the expert but not a substitute for the standard test acc. to DIN 1048.

Important notice on the performance of the measure
The water penetration depth should be determined all of one minute from the start of the test so that the surface wetting is not included in the measurement.

Performance of the water penetration test in the lab
The test in the laboratory is carried out in the same way, though it has proven useful to use curing sealing material (e.g. anchoring silicone rubber or those with hardening agent) as a cement specially since the laboratory tests usually last longer than those on the tool

All articles are also available separately :
Complete case Art. No. 064 061 Empty case
Water penetration tester : for vertical surfaces Art. No. 064 065
Plasticine à 250 gr. Art. No. 064 063 for horizontal surfaces
Washing bottle with top

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