

Stormdry® XR-Mortar

Product Description

Stormdry® XR-Mortar is a semi-flexible polymer modified crack filling mortar for small localised masonry repairs. It can be used to seal cracks in bricks and masonry joints to prevent rain penetration or to repoint damaged areas of pointing in both internal and external environments. It is applied directly to the damaged area using a cartridge gun and nozzle to provide a waterproof barrier. It can also be used to plug damp proof course holes.

Benefits

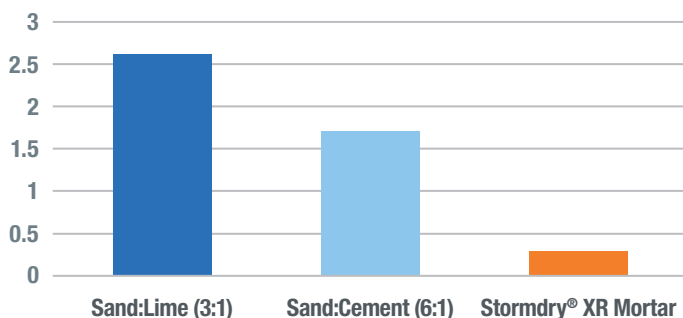
- Ready for use
- Water resistant and low shrinkage
- Seals cracks to prevent rain penetration
- Suitable for the repair of damaged pointing
- Can fill cracks between 1 mm and 15 mm
- Stormdry® Masonry Protection Cream can be applied same day as the repair

Properties

Appearance	Sand coloured mortar
Sizes(s) & Packaging	310 ml cartridge
Coverage	300 cm ³ or 100 DPC injection holes
Storage	Protect from frost
Shelf Life	24 months in unopened pack
Minimum Application Temperature	5 °C

Water Absorption (kg/m²)

Lower is better



Application Information

Preparation

Before applying **Stormdry® XR-Mortar**, remove any loose or damaged mortar and rake out to approximately 15 – 25 mm depth.

Only use **Stormdry® XR-Mortar** in small localised areas. Suitable for repairs up to 1 cm in width. For larger areas of repointing, use an appropriate mortar and Stormdry® Repointing Additive No.1 or Stormdry® Repointing Additive No.2.

Stormdry® XR-Mortar is a repointing mortar for walls and should not be used in ground contact.

Application

Localised repointing and crack filling

Cut the end of the cartridge off and attach the nozzle to the cartridge. Apply **Stormdry® XR-Mortar** as deeply as possible into the joint or crack and fill to the depth you require. Flatten-off using a pointing trowel. It can be beneficial to dampen the work area before application. When finished release pressure from the mastic gun.





If a smooth surface is required it can be beneficial to wet the pointing trowel to reduce drag. Keep the pointing trowel clean while smoothing off **Stormdry® XR-Mortar**. After a few minutes scrape away any excess using the pointing trowel.

Stormdry® XR-Mortar cures by evaporation of moisture. In cold and damp conditions this drying process can be slowed, especially when applied in thick layers. For thick applications it may be necessary to apply the mortar in two layers to achieve an even cure. When applying the second coat push the mortar into the first coat for a good bond.

For best results apply **Stormdry® XR-Mortar** in dry conditions when no rain is forecast for at least 24 hours.

Under normal conditions the curing time of **Stormdry® XR-Mortar** is 2 – 4 days. In cold and damp conditions this period is extended as shown in the table below.

	Optimal Conditions	Cold/Damp Conditions
Thickness	<15 mm	>15 mm
Temperature	25 °C	<10 °C
Humidity	50% RH ^[1]	>50% RH ^[1]
Time for Skinning	1 day	4 – 7 days
Time for Full Cure	2 – 4 days	7 – 14 days

Stormdry® XR-Mortar can be matched to the colour of the original substrate by coating the mortar with dust from the substrate.

Clean equipment immediately after use with water.

Plugging DPC holes

For external walls, inject the damp proofing treatment into the drilled hole. Plug the hole with **Stormdry® XR-Mortar**. One

310 ml cartridge of **Stormdry® XR-Mortar** will fill 100 DPC Injection holes. Holes can be filled once the Dryzone® Damp-Proofing Cream is no longer visible at the surface of the drill hole, for Dryrod® Damp-Proofing Rods wait at least 14 days before filling drill holes.

Other Information

Stormdry® XR-Mortar should be applied to the wall before Stormdry® Masonry Protection Cream. It is recommended to wait at least 4 hours before the application of Stormdry® Masonry Protection Cream onto **Stormdry® XR-Mortar**. Wait for the mortar surface to begin skinning over before application.

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^[1] RH stands for 'Relative Humidity'