

Technical Information

Dashing Mortar



Product Description

Field of Application:

Permarock Dashing Mortars are polymer-modified, self-coloured, cement-based spar dash receivers available in a range of colours to create traditional 'pebble dash' render wall surfaces. Permarock Dashing Mortars are used as a decorative finish with Permarock External Wall Insulation Systems and Permarock Exterior Render Systems.

Permarock Dashing Mortar is supplied as a pre-coloured mineral dry powder pre-mix, requiring only the addition of water and mixing on site.

Properties:

- Easy to prepare and use
- Good handling characteristics
- High bond strength
- Low combustibility
- Weather-resistant
- High water vapour diffusion
- Highly stable. Tough
- Ecologically compatible
- Low lime-bloom formulation
- Low chromate content

Pack Size:

25kg sacks

Storage:

Store in closed sacks, off the ground, dry and protected from moisture. Avoid frost.

Colours:

- Grey
- White
- Yellow
- Cream
- Other colours are available for special order. (MOQs may apply)

Product Code:

RE/DASH/GREY
RE/DASH/WHITE
RE/DASH/YELLOW
RE/DASH/CREAM

Technical Data:

Fire Behaviour:	A2-s1,d0 (EN 13501-1) *
Hygrothermal performance (MOAT 22):	Passes
Freeze / thaw behaviour:	Stable - 20 °C
Consumption:	6 - 8

* when tested / assessed as part of the Permarock Mineral Fibre external wall insulation system

Application

Preparation of Substrates:

Masonry, concrete, brickwork or sound, existing coatings must be clean, dry, firmly adherent and free from all substances that may prevent good adhesion, e.g. form release oils, etc. Remove unsound flaking, peeling or otherwise defective coatings. Clean the surfaces. Highly absorbent mineral substrates should be treated with Permarock Bonding Agent. Surfaces affected by mildew, mould, algae and the like should be cleaned and treated with Permarock Moss and Mould Remover.

Apply a basecoat of Permarock Bedding Mortar incorporating Permarock Reinforcing Mesh or Permarock Armoured Mesh.

Basecoats should be thoroughly dry before applying Permarock Dashing Mortar.

Preparation of Material:

The material is prepared manually by the addition of the dry powder premix to the correctly gauged volume of clean water in a suitably sized, smooth-walled, flat bottomed mixing vessel. Mix only full bag quantities. Do not mix partbags. The mixing ratio is approximately as follows:

Dashing Mortar Grey	5 litres water: 25 kg dry powder pre-mix
Dashing Mortar White	5 litres water: 25 kg dry powder pre-mix
Dashing Mortar Yellow	Stable - 20 °C 5 litres water: 25 kg dry powder pre-mix
Dashing Mortar Cream	5 litres water: 25 kg dry powder pre-mix

The material should be agitated using a low-speed mixer fitted with a paddle-type stirrer until the mixture is uniform and free from lumps (minimum 5 minutes). Allow the mixture to stand for ten minutes, then re-mix for one minute. Additional water, up to 0.5 litres, may be added with additional stirring. The material is ready to be used. Small amounts of tap water can be added, if necessary, to adjust consistency.

Method of Application:

Permarock Dashing Mortar is applied onto the fully hardened basecoat / reinforcement layer using traditional methods (hawk and stainless steel trowel).

The Dashing Mortar should be applied as an even layer of uniform thickness, working in bays in a continuous operation from bead to bead, or bead to arris, and always working to a wet edge. Particular care should be taken to maintain a wet edge avoid lift marks at scaffold board level.

The application rate / thickness will depend on the type of dashing stones to be used.

For small / fine angular dashing stones, such as Daltex, the application rate will be approx 6 kg / m² (based on the weight of the dry powder pre-mix). For normal 4-8 mm dry dashing stones, a higher rate of application is necessary, typically 6-8 kg / m². Heavier or larger dashing stones will require a larger rate of application / thicker application.

The clean, washed dashing aggregate should be applied by casting the stones into the Dashing Mortar whilst it is still plastic so that a uniform, dense coverage is achieved.

If required, the stones can be lightly tamped into the surface of the Dashing Mortar using a wood float to ensure that a good bond is achieved. Care should be taken not to oversink the stones.

After completion of the aggregate application, beading that is to remain exposed should be wiped clean of surplus Dashing Mortar to leave a clean edge.

Dashing Aggregates:

Permarock approves the use of dashing aggregates from Derbyshire Aggregates Ltd, Arbor Low Works,

Youlgrave,

Derbyshire,

Tel: 01629 636500.

Web: www.derbyshireaggregates.com

To view dashing aggregate colours please see Permarock Dry Dash decorative finish sheet.

Dashing aggregates must be washed, dry, and free from iron-containing minerals such as pyrites.

Drying / Curing Times:

At 20 °C and 65% RH the material is sufficiently dry after 24 hours.

Lower temperatures prolong the drying / curing times. Higher temperatures may lead to too-rapid drying and water evaporation and should be avoided. Dashing in cold or wet conditions using wet dashing aggregates may encourage the formation of lime bloom which is particularly prone to show on coloured mortars. In order to minimise the risk of the occurrence of this phenomenon, combinations of these factors should be kept to a minimum

Protection:

Newly applied material should be protected from strong sunlight, drying winds, frost and precipitation / rainfall during the drying and curing period. Protect adjacent surfaces. Remove splashes immediately with clean water.

Working Temperature:

- Permarock Dashing Mortar should be used dry and should be stored above 0 °C.

Advice

Further details : See material safety data sheet

Technical Information Permarock Dashing Mortar - Issue: December 2025

DISCLAIMER: Whilst this information/document/proposal (together "Information") is based on the latest manufacturer facts and findings of which we are aware, we are not engaged as a designer or other contractor in respect of your project and so the Information is general in nature and we cannot guarantee that any Information provided meets all of your specific project requirements. Given this, we cannot guarantee that any products selected, specified and/or purchased by you and their proposed applications are fit for the intended purpose. Any specification or purchase by you is at your own risk and we recommend the Information be reviewed and approved by an appropriately qualified professional prior to specification or purchase. Without prejudice to the generality of the foregoing, you (or the appropriately qualified professional from whom you seek advice) shall ensure that any performance criteria and/or coverage rates quoted can be achieved in each instance when compiling or pricing specific projects. To the extent permitted by law, Permarock will not be liable (whether in contract, tort (including negligence), breach of duty, misrepresentation or otherwise) for any loss or liability (of whatsoever kind) arising out of or in connection with any Information we may provide.