

PRODUCT DATA SHEET

EVERBUILD® 208 Powder Mortar Tone

FOR COLOURING CONCRETE AND MORTAR MIXES.

PRODUCT DESCRIPTION

EVERBUILD® 208 Powder Mortar Tone is a range of powdered oxide pigments formulated to colour concrete, render, screeds, mortar etc. The pigments disperse easily into the mix to give a uniform shade for each mix batch, dose can be adjusted to provide a wider variety of colour depths.

USES

For colouring cement containing products.

CHARACTERISTICS / ADVANTAGES

- Colours cement based products - light fast pigments.
- Improves workability/trowelability - contains a plasticizer.
- Chloride free (chloride ion content < 0.1%).
- Reduces bleeding/segregation.
- Inhibits efflorescence.

APPROVALS / STANDARDS

Conforms to EN 12878 , intended to be used in concrete, mortar and grout applications.

PRODUCT INFORMATION

Packaging	1kg Tin
Appearance / Colour	Black, red, brown, marigold, buff.
Shelf Life	36 months from date of manufacture.
Storage Conditions	Store at 5 - 30°C. Protect from damp.
Density	0.9 – 1.5 g/cm ³ approx.
Total Chloride Ion Content	< 0.1% w/w

TECHNICAL INFORMATION

Mortar Mix Design

FLOORING SCREED (GRANOLITHIC)

Ordinary Portland Cement: 1part
Coarse builders sand: ½ part
Granite ¼ dust: 2 parts
EVERBUILD® 208 Powder Mortar Tone: Up to 4kg per 50kg cement.
Water: As required.

BRICKLAYING MORTAR

Ordinary Portland Cement: 1part
Building sand: 6 parts
EVERBUILD MORTAR ADMIX:150-250cc/50kg cement.
EVERBUILD® 208 Powder Mortar Tone: Up to 4kg per 50kg cement.
Water: As required.

WATERPROOF EXTERNAL RENDER

Ordinary Portland Cement: 1 part
Moist builders sand: 4.5 parts
EVERBUILD® 208 Powder Mortar Tone: Up to 4kg per 50kg cement
EVERBUILD SBR Bond: 0.2 parts (i.e. 10 litres of latex per 50kg of cement)
Water: As required

APPLICATION INFORMATION

Recommended Dosage 1 – 4Kg per 50Kg cement (up to 8% by weight)

Drying time No reduction

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces must be clean and free from dust and loose material. Ensure the structure has sufficient mechanical strength.
Walls should be wire-brushed and any old paint etc. removed. All contaminants such as oil, grease, or any surface laitence must be removed to ensure adequate development of bond when the screed/render/mortar is applied.

APPLICATION METHOD / TOOLS

Add EVERBUILD® 208 Powder Mortar Tone to the dry cement, sand and aggregate before adding any water. Mix well until colour is dispersed then add required liquids. Add at a rate up to 8% by weight of cement. Do not exceed this amount.
The colour of the sand and cement will affect the colour achieved.
To obtain pastel colours, use white cement in the mix.

LIMITATIONS

- Do not use more than 8% on weight of cement. This will reduce strength of the mix.
- Always use same batches of cement and sand - this will avoid any colour differences showing through in large areas e.g. external renders.
- Do not use in conjunction with lime
- Care must be taken when using any other plasticising admix as the mix strength can be reduced.

VALUE BASE

All technical data stated in this Data Sheet are based

on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data

Sheet for the product concerned, copies of which will be supplied on request.

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