

PRODUCT DATA SHEET

EVERBUILD® 204 Evermix 3 in 1

triple action air entraining chloride free admixture.

PRODUCT DESCRIPTION

EVERBUILD® 204 Evermix 3 in 1 triple action admixture waterproofs, plasticises and retards to assist workability, reduce water penetration and allow larger areas to be covered in one application. EVERBUILD® 204 Evermix 3 in 1 is particularly formulated for use in renders, dry dash and pebble-dashing, however it can also be used in any cement mixture where waterproofing and increased workability are required in conjunction with retarded setting.

USES

As an admixture for exterior/interior cementitious render finishes such as roughcast, harling and dashing. May also be used internally after installation of a DPC system.

CHARACTERISTICS / ADVANTAGES

- The combination of an air entrainer and retarder allows larger areas to be covered in one application
- Improves workability/trowelability.
- Significantly reduces water penetration.
- Chloride free (chloride ion content < 0.1%).
- Reduces bleeding/segregation.
- Improves durability
- Inhibits efflorescence.
- Reduces shrinkage (cracking and crazing reduced).
- Enhances insulation properties.

Chloride Ion Content < 0.1% w/w (nil)

Typical Reduction in Water Absorption

Control: 15% absorption

With 3 in 1: 5% absorption (375ml 3 in 1 per 50Kg cement vs control, 4:1 sand: cement, 20%)

APPROVALS / STANDARDS

- Conforms with the air entraining requirements of EN934-3 "Specification for air entraining (plasticizing) mortars" at an addition rate of 250ml to 500ml of 3 in 1 per 50kg cement.

PRODUCT INFORMATION

Packaging	5ltr & 25ltr Jerry
Appearance / Colour	Soft Mobile Gel.
Shelf Life	2 years when stored according to manufacturers instructions.
Storage Conditions	Store at moderate temperatures. PROTECT FORM FROST.
Density	approx. 1.02 g/cm ³ at 20°C
pH-Value	10.7 – 12.7

APPLICATION INFORMATION

Recommended Dosage

250ml to 500ml per 50kg cement, or 20/40 parts water to 1 part 3 in 1

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Before using EVERBUILD® 204 Evermix 3 in 1, it is important to ensure that the surface to which it is to be applied is clean and free from dust and loose material and that 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 contamination must be removed to ensure adequate development of bond when the render is applied.

APPLICATION METHOD / TOOLS

In all cases, add to mix at an addition rate of 250 to 500ml per 50kg cement depending on the degree of plasticising/retardation required. Note: remember to reduce required quantity of water accordingly (up to 15%). Alternatively, add to mixing drum at an addition rate of one part 3 IN 1 to 20/40 parts water.

LIMITATIONS

- When mixing, take care not to over mix.
- Does not replace a DPC.

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 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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Product Data Sheet

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