

Murasan Hydrotech 884

compacting aid for semi-dry concrete to reduce primary efflorescence



PRODUCT PROPERTIES

- Reduction of primary efflorescence
- Increases early strength
- Improves water imperviousness
- Improves resistance against frost and de-icing-salts
- High water demand possible
- Improves surface texture
- Chloride-free

AREAS OF APPLICATION

- Concrete products, g.
 - Coloured concrete products
 - Concrete pavers
 - Curb stones
 - Sidewalk slabs
 - U-slabs

APPLICATION ADVICE

Murasan Hydrotech 884 is a multifunction admixture with chemically and physically based effects. It is designed to meet the requirements of the concrete industry for the manufacture of high-quality products.

Murasan Hydrotech 884 is especially designed to reduce primary efflorescence. As a result, the colour brilliance of coloured concrete good is significantly enhanced and preserved, respectively.

The chemical-physical effect system causes an intensive dispersion of the cement paste resulting in a lubricating effect between the steel mould and the concrete during the production process. The results are improved surface properties.

The reduction of internal friction results in better bonding of the cement paste to the aggregate materials. Because the concrete sticks less to mould parts, inserts and injectors, wear and tear on equipment is reduced.

Murasan Hydrotech 884 is added to the concrete mixture with the additional water or with suitable dosing equipment. Do not add to the dry mixture!

Please note the "General Information on the Use of Concrete Admixtures".

Murasan Hydrotech 884 is to be stored at above +5 °C at all times.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 1.01	± 0.02 kg/dm ³
Recommended dosage range	g	2 - 20	per kg cement
Chloride content (maximum)	%	< 0.1	mass fraction
Alkaline content (maximum)	%	< 2.0	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Type of admixture	air-entraining agent per EN 934-2: T5
Designation of admixture	Murasan Hydrotech 884
Colour	yellowish
Form	liquid
In-company production control	EN ISO 9001
Delivery form	1,000 kg container
Storage	Can be stored in original sealed packages at temperatures between 5°C and 30°C in dry conditions for at least 12 months.

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BZM10

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018826]