

# Murasan BWA 22

additive for enhancing/upgrading semi-dry concrete mixes



## PRODUCT PROPERTIES

- Chloride-free
- Hydrophobic effects
- Improves surface texture
- Reduces efflorescence
- Facilitates easy cleaning of surface soiling
- Improves resistance to frost and de-icing salts
- Intensifies colours

## AREAS OF APPLICATION

- High quality concrete products
- Coloured concrete products

## APPLICATION ADVICE

Murasan BWA 22 is a high quality additive for enhancing semi-dry concrete mixes. It is designed to meet the requirements of the concrete industry. The effects are chemical-physically based.

Due to its special composition, Murasan BWA 22 combines good processing properties with the outstanding properties of hydrophobizing materials into one product.

The chemical-physical effect 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 hydrophobic lining of the capillary pores reduces effusion and increases resistance to frost and de-icing salts. Increased soil resistance allows for easier cleaning and removal of surface soiling. Colours are significantly intensified in coloured concrete products. Adhesion of concrete to mouldings and stamps is reduced.

Murasan BWA 22 is added to the concrete mixture with the additional water or with suitable dosing equipment. Do not add to the dry mixture!

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm <sup>3</sup>	approx. 1.01	± 0.02 kg/dm <sup>3</sup>
Recommended dosage range	g	2 - 20	per kg cement
Chloride content (maximum)	%	< 0.1	mass fraction
Alkaline content (maximum)	%	< 2.5	mass fraction

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

Designation of admixture	Murasan BWA 22
colour shade	white
form	liquid
self-monitoring	EN ISO 9001
In-company production control	EN 934-6
Notified body	MPA, Karlsruhe
Certificate of conformity of in-company production control	0754-CPR
delivery form	30 kg canister, 200 kg barrel, 1000 kg IBC
Storage	

### 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. [2100004460]