

# Murasan Hydrotech 860

Compaction aid admixture for semi-dry concrete



## PRODUCT PROPERTIES

- Better compaction of no-slump concrete
- Improved green stability
- Reduced stickiness
- More even mould filling
- Enhanced resistance against frost and de-icing salts
- Better concrete surface texture
- Chloride and alkali free

## AREAS OF APPLICATION

- No-slump / semi-dry concrete
- Concrete goods – paving stones, curb stones, hollow core blocks etc.

## APPLICATION ADVICE

Murasan Hydrotech 860 is a compaction aid admixture that allows for the optimization of semi-dry concrete recipe design and production process in order to achieve optimal properties in both fresh and hardened states. When compaction energy is delivered, it reduces the surface tension of water, improving the mobility of the dry mix. This also aids in more even filling of the mould by making the concrete less sticky, reducing the amount of faulty products while also reducing wear on the machine's metal parts.

Murasan Hydrotech 860 contributes to a formation of cement stone microstructure with improved resistance to damages caused by frost and de-icing salts.

Murasan Hydrotech 860 should be added to the concrete during the final mixing stage, ideally after or with the very last part of the mixing water. The mixing time after adding Murasan Hydrotech 862 should be at least 60 seconds for optimal performance.

Please note the “General Information on the Use of Concrete Admixtures”.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm <sup>3</sup>	1	± 0.02 kg/dm <sup>3</sup>
Recommended dosage range	g	2 - 10	per kg cement
Chloride content	%	< 1	mass fraction
Alkaline content	%	< 4.0	mass fraction
Type of admixture	Compaction aid		
Designation of admixture	Murasan Hydrotech 860		
Colour	blue		
Form	liquid		
In-company production control	EN ISO 9001, EN 934-6		
Notified body	Karlsruher Institut für Technologie (KIT) Materialprüfungs- & Forschungsanstalt, MPA Karlsruhe, Notified Body number: 0754		
Certificate of conformity of in-company production control	0754-CPR		
Delivery form	25 kg jerry-can 200 kg barrel 1000 kg IBC		
Storage	Can be stored in original sealed packages at temperatures between 5°C and 13°C in dry conditions for at least 12 months.		
Packaging disposal	Make sure single-use containers are completely empty.		

### Safety instructions

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

**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. [2300018729]