

# Admitex HP 3.1

## SUPERPLASTICIZER

### CHARACTERISTICS

**ADMITEX HP 3.1** is a liquid additive on the basis of polycarboxylates, in particular applicable for production of self-consolidating, high resistance (BWW) and architectonic concrete. The additive can be used both in plus and low temperatures. ADMITEX HP 3.1 can be used together with aerating, delaying and accelerating additives after previous verification of the assumed parameters of the concrete mix.

Thanks to using the ADMITEX HP 3.1 additive one can:

- increase liquidity/consistency of the concrete mix,
- increase initial and final resistance,
- increase concrete watertightness, water absorption and frost resistance,

Resistance to compression while maintaining fixed consistency. Dosing of the additive: 1% to cement mass.

<b>218.8%</b> of control concrete	Requirements of the norm: >140% of control concrete	<b>136.1%</b> of control concrete	Requirements of the norm: >115% of control concrete
Decrease of the amount of batch water:		<b>22.3%</b>	Requirements of the norm: >12%



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### DOSAGE

The additive should be added to the concrete mix with batch water or at the end of the mixing process. The scope of dosage is 0.5% to 2.5% of the binder mass and should be defined on the basis of previous tests. The recommended dosage is 0.5%-1.0%. The time of mixing should be precisely defined. By secondary dosage on site to concrete mixers, the recommended time of mixing is 1 min/ 1m<sup>3</sup>.

### TECHNICAL DATA

Colour: yellow-amber Density: 1.06±0.02 pH: 5.5 ±-7.5

Content of chlorides <0.10%

Content of alkali <2%

### STORAGE

Store in roofed rooms, in tightly closed packages in the temperature from 5 to 40°C. Stir after long storage or freezing. Date of expiry 12 months.

### PACKAGING AND TRANSPORT

- in 1000-liter return containers,
- in 200-liter return plastic barrels,



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- transport in locked means of transport, not subject to ADR limitations,
- the additive is a safe product,

### **SAFETY PRECAUTIONS**

**ADMITEX HP 3.1** is not a hazardous material. Handle in accordance with the assumed rules of safety. In case of getting dirty take off clothes and cleanse dirty skin with a large amount of water. Detail information regarding health, safety available in the Characteristics Sheet.

### **REMARKS**

Data included in Information Sheet is of approximate nature and was presented on the basis of experience in production and practical use. Due to different use of raw materials by production of concrete one should perform appropriate tests and examinations. The guarantee of quality comprises only sale and delivery of the product and does not comprise the method of product storage by the client. In case of any further questions please contact us under the following telephone number: 32 601 24 79

