



**Compaction aid for semi-dry concretes
with low tendency to efflorescence**

MULTIMIX Hydro

Art. – No. 06.200.

APPLICATION AREA:

- To create mechanically produced, one-course and uncoloured concrete goods or face concrete for concrete goods (consistency C0 – C1), like for example, concrete paving blocks, pavement flags, restricting elements and palisades.
- To produce early-strip concrete and early-deliver concrete goods.

CHARACTERISTIC:

MULTIMIX Hydro has a fluidifying effect that has a positive effect on the compacting capabilities and increases the green strength. By means of considerable water savings early and final strengths are considerably increased. Moreover MULTIMIX Hydro brings about a chemical modification of free calciumions and a hydrophobic lining of the capillary pores. The resistance to frost and de-icing salt is increased and tendency to efflorescence is significantly decreased.

In concrete, MULTIMIX Hydro causes

- improved compacting capabilities on account of a fluidifying effect, which with the accompanying water savings brings about increased green, early and final strengths.
- a possible cement saving of up to 20 %.
- hydrophobic reaction of the capillary pore system.
- reduction in efflorescence and an increase in the resistance to frost and de-icing salt.
- significant colour intensification in coloured concrete goods.
- a lubricating effect on account of the increased homogeneity that improves the quality of the exposed concrete

TECHNICAL SPECIFICATIONS:

Raw material basis:	Lignin sulphonate
Colour:	Dark brown
Form:	Liquid
pH value:	4,5 ± 1
Density (at 20 °C):	1.06 ± 0.02 g/ml
Processing temperature:	Over + 5 °C
Durability:	c. 12 months
Storage:	Protect from sun and frost; protect from contamination

Recommended dosage: 0.5 – 1.5 M% of cement weight.
The necessary amount is based on the required concrete properties and must be ascertained by means of an initial test.



TECHNICAL DATA SHEET



PROCESSING INFORMATION:

- MULTIMIX Hydros should be added to the already pre-mixed concrete.
- Do not add to the dry mix.
- Always ensure an adequate mixing time.

WORK SAFETY:

- Not a hazardous substance in accordance with the Ordinance on Hazardous Substances
- Not hazardous goods as defined by transportation directives
- WHC 1 (self-assessment) little risk of pollution
- Observe safety data sheet

FORM OF DELIVERY:

30 kg PVC can - gfn
230 kg Poly drum gfn
1100 kg Container net
Tanker delivery upon request

NOTE:

Always observe general work hygiene when using our products. The raw materials we process and the products we produce are subject to strict factory inspections. We reserve the right to make changes that signify a technical advance. All the information applies to the normal case scenario, and has been given to the best of our knowledge. We cannot be held legally liable as a result of the information included in this leaflet. It is stressed that our products and the procedure must be tested for suitability with your circumstances.

EFFECTIVE: 07/15

PRODUKTE FÜR
BETON UND BAU

