

# Plastocrete®-N

## Waterproofing Concrete Admixture



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**Description** A concrete admixture in liquid form that acts both as a highly efficient plasticiser and waterproofing agent.  
It complies with ASTM C 494 - 81 type A.

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**Uses** Plastocrete-N is recommended for use in structural and mass concrete, particularly water-retaining structures such as:

- Reservoirs and dams
- Sewage works
- Canals
- Culvert tunnels

and whenever waterproof concrete is required.

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**Advantages** Plastocrete-N provides the following properties:

- Improved workability without increased water content.
- Allows easier compaction leading to denser concrete and superior finish
- Increased strength and durability
- Reduced shrinkage
- Improved water tightness
- Chloride free - does not attack reinforcement

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## Technical Data

	<i>Liquid</i>	<i>Powder</i>
<b>Type</b>	Modified Lignosulphonate	Modified Lignosulphonate
<b>Colour</b>	Brown liquid	Brown powder
<b>Density (20°C)</b>	1.1 kg/l	–
<b>Bulk density</b>	–	0.9 kg /l
<b>pH-Value (20°C)</b>	9.0	-
<b>Storage</b>	Store free from frost.	Store in dry conditions.
<b>Shelf life</b>	18 months from date of production if stored properly in original unopened packing.	
<b>Packaging</b>	200 kg drums	25 kg bags

## Application

<b>Dosage</b>	0.5% by weight of cement. Plastocrete-N is compatible with all types of Portland Cement including S.R.C.
<b>Dispensing</b>	Plastocrete-N Liquid should be dispensed into the mixing water, prior to its addition to the aggregates. Plastocrete-N Powder is added directly to the dry mixed aggregates. Where overdosing accidentally occurs, apart from retardation of the initial set no detrimental effect will take place.

## Safety Instructions

<b>Safety precautions</b>	Accidental splashes to the skin must be washed off with water and soap. Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.
<b>Ecology</b>	Do not dispose of into water or soil but according to local regulations.
<b>Toxicity</b>	Non-toxic under the relevant Swiss Health and Safety Codes.
<b>Transport</b>	Non-hazardous.

### In case of doubt, always follow the directions given on the pack or label.

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