

# CONPLAST R

## RETARDING WATER REDUCING ADMIXTURE

### DESCRIPTION:

- Brown solution, based on hydroxycarboxylic materials.
- Instantly disperses in water.

### ADVANTAGES:

- Extends the setting time of concrete, extending working times and minimising delay problems.
- Extends the working life of semi-dry concrete screeds.
- Allows specified strength grades to be met at reduced cement content.
- Slightly reduces cohesion, improving placement of over cohesive mixes.
- Chloride-free, safe for use in prestressed and reinforced concrete.
- Compatible with other CONPLAST admixtures.

### STANDARDS COMPLIANCE:

- CONPLAST R complies with SR EN 934-2 Tab.8 and Tab. 10.

### PROPERTIES:

- Appearance: Brown liquid.
- Presentation: 210 litre drums.;
- Has a minimum shelf life of 12 months provided the temperature is kept within the range of 5<sup>0</sup>C-50<sup>0</sup>C;
- Specific gravity: 1,13±0,01 kg / l at 20<sup>0</sup>C.
- Chloride content: 0,0%
- Alkali content : < 55 gr.Na2O equiv./l

**QUALITY CERTIFICATE**  
**NR. NB 1870-DPC-99/469/EC-0395/08**  
by  
**S.C. QUALITY CERT S.A.**



### USES:

- To all types of concrete with CEM I or CEM II cement.
- Is delivered ready for use.
- It is recommended to be added to the concrete separately with the mixing water .
- High temperatures will require increased dosages to obtain the same change in stiffening time.
- At lower temperatures a greater amount of retardation will be obtained for a given dosage.

### PRECAUTIONS:

Wear suitable protective gloves and goggles.

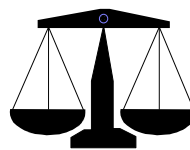
**In case of contact with eyes rinse immediately with plenty of water.**



Longer contact with skin produces irritations.

Spillages of Conplast R should be absorbed onto sand.

### DOSAGE:



0,25–0,60 l/100 kg cement .

The optimum dosage should always be determined by trials using the materials and conditions that will be experienced in use.

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