



EUROPEA DE PINTURAS ESPECIALES, S.L.

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ACELHOR - 605 CONCRETE ACCELERATOR

PRODUCT DESCRIPTION:

- **DEFINITION:** It is a setting accelerator for concrete chloride free, which can be used with all types of PORTLAND cement.
- **USE:** It is used to accelerate the onset of setting in concrete and mortar of PORTLAND cement, thus securing high initial resistance.
- **PROPERTIES:** For its plasticizer's properties, helps reduce the doughy water and therefore water/cement ratio without being amended its consistency. Reduce startup times and final setting at any temperature, especially in cold weather. Its use in precast concrete elements, can avoid the need to employ high aluminous cements.

TECHNICAL INFORMATION

Aspect..... LIQUID
Density..... 1,15 Gr/cm³
Chloride content..... FREE
Compatibility..... With all kinds of
Portland cement
Conservation..... At least 1 year in its
original container and
protect from frost.

MEETS STANDARDS:

- ASTM C -494 C (Setting accelerators)
- ASTM C -494 E (Water-reducing accelerators)
- BS 5075 1/ 1974
- DIN and SIA
- Presentation:.....plastic drums 225 Kg.

APPLICATION INSTRUCTIONS AND DOSAGE:

The product should be added along with the doughy water. The dosage depends on the desired effect, temperature and type of cement. It is therefore advisable to carry out preliminary tests to determine the ideal dose for each case and type of concrete.

TABLE OF COMPARATIVE TESTS

Based on the following concrete composition:

- Arid (Acc/norm SIA 172)..... 0 to 32 m/m
- Cement..... 320 Kg/m³
- Water/cement ratio..... 0.5

Dosage (Lt.) for each 50 Kg of cement.	Water/cement ratio.	Cone settlement test to BS 1881 in m/m.	Compressive strength in Kg/cm ²		
			10 hours	18 hours	24 hours
---	0.5	48	9	48	73
0.5	0.5	55	14	89	117
1	0.5	63	28	123	178
2	0.5	75	33	154	201

Comments

- * Our Technical Department will be pleased to answer as many as questions that you are planning to ask.
- * If the product splashes eyes, rinse with water several times; always consult your doctor or the National Institute of Toxicology, Phone Number 91 - 562.84.69.

Our technical service is at your disposal for further information in this booklet as well as to advise on special treatments, systems, process and the best products, according to the surface, environments and needs they wish to cover. In this sheet, we just trying to inform and advice to our best knowledge, based on experience and research. We cannot be responsible for the consequences of using this product when application conditions and circumstances fall out of our reach and control.