

DATA SHEET

SCREED ADDITIVE, 10 KG BIN

Internal code: NEOADSP



1. DESCRIPTION AND USE

1.1. Description

This data sheet, drawn up on the basis of the technical specification, covers the PLASTICISER ADDITIVE FOR SCREED and is manufactured in accordance with SR EN 934-2 T2.

1.2. Field of application

The professional plasticiser additive is a strong water reducer, specially formulated for screeds covering underfloor heating systems. When mixed with the cement/concrete used, this additive gives a superior elasticity to the mixture, increasing malleability and mechanical resistance to vibrations by fast removing any air from the concrete. The screed additive is completely soluble in water, contains no chlorides and it does not corrode metal structures or equipment.

2. TECHNICAL CHARACTERISTICS

3.1 Quality technical characteristics

Item	CHARACTERISTICS	INSPECTION METHOD	VALUES	
			provided	type
1	Homogeneity	Visual	homogeneous	homogeneous
2	Colour	Visual	brown	brown
3	Absolute volume mass Kg/l	ISO 758	1.15+/-0.03	1.142
4	pH value	ISO 4316	8.5+/-1.5	87.78
5	Conventional dry matter content	EN 480-8	26-39%	33.2
6	Water reduction	SR EN 12350-2	≥ 5%	6.3
7	Air content in fresh concrete	SR EN 12350-7	C - Cref≤2	2
8	7-day compressive strength	SR EN 12390-3	R7 ≥ 110% R7 ref	114.56
9	28-day compressive strength	SR EN 12390-3	R28 ≥ 110% R28 ref	115.4
10	Corrosion behaviour	SR EN 934-1:2008	It only contains substances specified in the approved A1 list	It only contains substances specified in the approved A1 list
11	Chlorides soluble in water	SR EN 480-10	≤ 0.1 %	≤ 0.1 %
12	Alkali content	SR EN 480-12	≤ 8 %	<0,5%

3. RULES FOR USE

The plasticiser additive for screed should amount to 0.5% - 1% of the total amount of cement (add between 0.5 and 1 kg of additive to 100 kg of cement). For maximum efficiency, premix the powdery materials (cement and aggregates) with at least 70% of the amount of water. Add the screed additive to the mixture and mix for 3-5 minutes until homogeneous. Add the rest of the water until reaching the desired consistency. The mixture can be used within 90 minutes.

4. OCCUPATIONAL AND ENVIRONMENTAL PROTECTION MEASURES

The product contains calcium lignosulfonate and is not classified as a dangerous preparation.

Precaution:

P302 – Keep out of reach of children

P234 – Keep only in original container.

P305+351+338 In case of contact with eyes; rinse carefully with water.

5. PACKAGING, LABELLING, STORAGE, HANDLING

Store the product in tightly closed containers, in cool, dry, ventilated places, away from heat, moisture and incompatible materials. Shake the package before use; Store in places away from sunlight or frost, at a temperature between 0 °C and 30 °C.

6. SHELF LIFE

The shelf life of the additive is: 12 months from the date of manufacture.