

Technical Data Sheet

Date of compilation: 01/06/2023

ARCPLAST WATERPROOFER & PLASTICISER

DESCRIPTION

Arcplast is a concentrated liquid waterproofing plasticiser for use with cement mortar mixes for external renderings as an aid in Dry Harling, Rough Casting, Pebble Dashing & similar finishes.

The improvement in workability of rendering is made possible by the entrainment of air which greatly reduces the internal friction within the mix particles & cement.

The improvement in waterproofing quality is made possible by the formation of water repellent species in the mortar from the reaction of components in Arcplast with products resulting for the hydration reaction between cement & water. This improvement is sufficient to offer long term protection against dampness and driving rain.

Arcplast may increase the degree of dispersion of colour pigments and therefore the preparation of coloured renderings must be carefully controlled with regard to proportioning duration of mixing and application. A slight retardation in the setting & curing times of mortar mixes containing Arcplast may occur.

Arcplast should not be used with bulk concrete mixes since it may entrain unduly large amounts of air. It is not intended for use in laying bricks or blocks – Arc Premium Plasticiser Double Strength is recommended.



METHOD OF USE

Arcplast is mixed with the gauging water in the ratio 1 part to 40 parts before it is added to sand/cement mix. Once diluted with water, it remains usable for the indefinite period and it will neither separate nor form sediment. It is free from insoluble compounds and being completely miscible with water ensures even distribution during use.

Arcplast should be used in all coats of multi-coat work – NB European Standard Code of Practice EN934-3 states that the first coat should be weaker than the background and each successive coat not stronger than that to which it applied.

PROPERTIES

Property	Value
Base material	Water soluble metallic surfactant
Appearance	Easy pour, clear green liquid
Liquid Carrier	Water

Arcplast does not contain calcium chloride or insoluble compounds.

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STORAGE & PACKAGING

Arcplast is supplied in 5 litre and 25 litre polythene containers and must be stored in sealed secure conditions away from sources of heat, or exposure to low temperatures and frost.

USAGE

5lt should be diluted with 200lt of gauging water – this is normally sufficient for approx 41.5m² of rendering 12mm thick.

HEALTH & SAFETY

For more information and precautions for use refer to the safety data sheet.

NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.