

Technical Data Sheet

Date of compilation: 14/01/2022

ARC CONCRETE DUSTPROOFER

DESCRIPTION

Arc Dustproofer is a silicate-based surface hardening liquid for concrete floors, floor screeds and renders. Arc Dustproofer reacts chemically with cement-based substrates to form a microcrystalline seal in the surface pores of the concrete or screed. This produces a hard dust-free finish, which becomes a permanent integral part of the surface, unlike resin based sealers, which slowly degrade on concrete surfaces. It can be used on both new and old concrete floors, floor screeds, etc.



BENEFITS

- COLOURLESS
- WATER BASED
- IMPROVES WEAR RESISTANCE
- ELIMINATES SURFACE DUSTING
- EASIER FLOOR MAINTENANCE
- LONGER FLOOR LIFE

PREPARATION

The substrate must be free of all oil, dust, existing sealers or other contaminants. All loose material should be removed. Concrete should be at least 21 days old before applying Arc Dustproofer. Ensure the substrate is free from resin-based curing compounds or other materials, which may affect the penetration of water based products.

APPLICATION

Arc Dustproofer is ready to use straight from the container and can either be sprinkled over the surface with the aid of a plastic watering can, applied over the substrate with a soft broom or squeegee, or applied by a sprayer. When applying by spray ensure the use of protective eye & face equipment. Do not overspray onto adjoining finishes and materials. Spread liquid back and forth over the surface to ensure maximum and even penetration. Do not allow puddles to form on flat surfaces. Normally two coats are sufficient, but in some cases a third coat is beneficial. After the final treatment, the floor should be thoroughly washed with clean water within two hours. Do not allow floor to dry before washing.

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LIMITATIONS

Arc Dustproofer is not suitable for natural stone, red brick, etc. neither will it make bad disintegrating concrete or screeds good. If puddles of material are allowed to dry, a white surface deposit will form that will be extremely difficult to remove. Always test on an inconspicuous area first to ensure suitability for use.

PROPERTIES

Property	Value
Form	Water Based Liquid
Colour	Clear/Straw
Cleaning	Clean tools, equipment etc. with water. Mechanical means are necessary when the product has set.
Application Temperature	+5°C to +30°C
Specific Gravity	≈1.11
pH	Undiluted ≈12
Storage	Store in sealed containers in dry conditions, protected from extremes of temperature
Shelf Life	Minimum 12 months in good storage conditions
Packaging	25L plastic Jerry cans

COVERAGE

Approx. 4-6 m²/L per coat. Minimum application - 2 coats; in some cases more applications are required.

HEALTH & SAFETY

DANGER. Wear suitable gloves and eye/face protection.
See separate material safety data sheet for full handling, use & storage.

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.