

# Technical Data Sheet

Date of compilation: 09/08/2021

## ARC ALUMINIUM REFLECTIVE PAINT

### DESCRIPTION

A solvent based aluminium paint manufactured using a specially selected grade of bitumen and high quality aluminium flake. It provides a solar reflective, bright silver finish on bituminous roof systems.

### USES

Aluminium Reflective Paint is used to provide protection to roofs against sun and weather, particularly on exposed bituminous surfaces.



### APPLICATION

Surfaces should be clean, dry and free from dust, lichen etc. Ensure that existing bituminous surfaces have been weathered for at least 14 days prior to application of the aluminium paint. Stir thoroughly before use to ensure homogenous solution. Apply by brush, roller or spray. Do not apply too thickly as this will prevent full "leafing" of the aluminium. Do not brush out excessively as this may cause softening of the substrate. Do not pour onto the roof and spread out.

The coating will dry in 1 –2 hours under good drying conditions. This will be extended in conditions of low temperature and high humidity. Allow a minimum of 24 hours before subjecting the coating to light foot traffic.

#### Chemical Resistance:

Dried film will have good resistance to water and most salt solutions. It will not be resistant to acids, alkalis, solvents or oils. Polluted industrial atmosphere may cause darkening of the coating.

### PHYSICAL PROPERTIES

Property	Value
Colour	Silver
Solvent	White Spirit
Flash point	32°C min. (closed cup)
Coverage Rate	6-10m <sup>2</sup> /L, dependent on surface profile
Specific Gravity	Approx. 1.00

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### STORAGE & PACKAGING

This product should be stored out of direct sunlight at 8°C - 25°C. It is supplied in 2.5lt, 5lt and 25lt containers.

### CLEANING OF TOOLS

All tools should be cleaned using white spirit.

### HEALTH & SAFETY

Coating is solvent based and will give off a flammable vapour. Ensure adequate ventilation in use to prevent a build up of vapour. Solvent fumes may causes dizziness. Remove affected persons to fresh air and seek medical attention, if required. Avoid smoking, naked flames and sources of ignition in use. In the event of fire, use sand, earth, CO<sub>2</sub>, dry chemical or foam extinguishers.

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](mailto: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.