Technical Data Sheet

Date of compilation: 18/05/2021

ARC ALL WEATHER SEALANT

DESCRIPTION

Synthetic rubber-based sealant for exterior use. Arc All Weather Sealant is a solvent-containing sealant that adheres to nearly all surfaces without primer, e.g. masonry, concrete, plaster, wood, metal, glass, bitumen and many more synthetic materials. Arc All Weather Sealant can be used in all weathers – in fact you can even work in the rain on wet and slippery surfaces.

• Seals on wet substrates
• Seals on oily substrates
• Weather-proof
• Can be worked over
• Compatible with copper
• Can be painted over
• More mould-resistant than silicone
• Shelf-life minimum 2 years
• Silicone-free
• Adheres to wet and slightly oily substrates
• Compatible with bitumen

PROPERTIES

• High elasticity
• Silicone-free
• UV-resistant
• Versatile application
• Compatible with bitumen
• Compatible with copper
• High mould resistance
• Can be painted over with most paints
• Can even be worked after curing
• Adheres to most substrates, even to wet and slightly oily ones

APPLICATION

For expansion and connection joints.
e.g. for facades, glass, kitchens and bathrooms and roofing
Adheres without primer to for example wood, concrete, metal, glass and many plastics.

ARC BUILDING PRODUCTS
We are stronger

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INSTRUCTIONS FOR USE

The points of contact must clean and solid. Joints must be backfilled with polyethylene rods according to DIN 18540. Store cartridges at room temperature before use. Smooth surfaces may be wet, porous ones should be dry. If immersed under water for a long time, Arc All Weather Sealant joints may turn yellow, although this does not affect the quality of the material.

For final smoothing, use plenty of soapy water.

Edges of joints can be taped (remove tape immediately after sealing).

PACKAGING & STORAGE

300ml cartridges, 20 cartridges per carton, 60 cartons per pallet.

Available colours are clear, white, black and brown.

Shelf life: minimum 2 years at room temperature

Storage temperature: not exceeding 60°C, frost-resistant

TECHNICAL DATA

Characteristic	Value
Chemical base substance:	synthetic rubber
Consistency:	pasty
Character:	elastic
Density:	0.95g/cm³
Permissible deformation:	max. 25%
Volume shrinkage:	approx. 20%
Working temperature:	+5°C – +40°C
Temperature resistance:	−25°C – +100°C
Shore A hardness:	25 ± 5
Smoothing time:	15 – 20 minutes
Young's modulus 100%:	0.5N/mm²,
Curing:	by physical drying: several mm/day
Colours:	clear, white, brown, black

PRECAUTIONS

Flammable. Repeated contact can lead to dry or rough skin. Vapours can cause drowsiness. Do not inhale vapour. Avoid contact with eyes or skin. Dispose of empty containers safely.

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

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PAINTABILITY

With commercial paints and varnishes. When using paints containing solvents, drying of the sealant may be slower. Preliminary tests necessary.

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.

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