

Technical Data Sheet

Date of compilation: 27/05/2021

ARC CONCRETE SEALANT

DESCRIPTION

Monocomponent sealant based on a mixture of acrylic resins in water dispersion.

Properties

- Application temperature between +5°C and +40°C
- Temperature resistance -20°C to + 70°C
- Do not apply to joints with movement greater than 10%
- High quality
- Weather resistance
- UV resistance
- Low odor
- Indoor/Outdoor
- Paintable/varnishable
- Solvent free



APPLICATIONS

- Sealing of cracks
- Sealing of low movement joints (not suitable for joints with movement greater than 10%)
- Sealing of metal sheet , ventilation and air conditioning ducts.
- Acrylic sealant for construction materials: brick, concrete, wood, etc.

AVAILABILITY

300ml cartridge available in Grey.
Shelf life is 24 months from the production date.

TECHNICAL DATA

Property	Unit	Value
Appearance		Pasty
Consistency		Thixotropic paste
Hardness	Shore A	32
Loss of volume	%	10

ADHESION

Excellent adhesion on most common porous construction materials.

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CHEMICAL RESISTANCE

Resistance to water, UV and weather.

CLEANING

Non-cured product can be cleaned with water.
Once cured, the product can be removed mechanically.

DIRECTIONS FOR USE

The surfaces must be clean and free of dust and grease. Cut off the tip of the cartridge, screw on the cannula and cut it to match the required bead width.

Joint dimension

The joint has to be designed according to the sealant movement capability .

In general, the joint should be between 5 and 25mm wide.

The ratio of width to depth will depend on the joint width.

In general, for joints wider than 10mm, the width/depth ratio should be approximately 2:1 respectively.

For smaller joints, the ratio should be approximately 1:1.

Width(mm)	10	15	20	25
Depth(mm)	8	8	10	12
Performance(m)	3.75	2.5	1.5	1

Performance(m)= $300 / [\text{Width(mm)} * \text{Depth(mm)}]$

HEALTH AND SAFETY

Safety data sheet available on request.

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.