

Technical Data Sheet

Date of compilation: 02/06/2021

ARC LEAD SEALANT

DESCRIPTION

Neutral silicone for building, glazing and sanitary joints. Arc Lead Sealant is a versatile sanitary formulated neutral silicone sealant which cures under influence of humidity to form a durable elastic rubber

Benefits

- Versatile sealant
- Neutral curing, almost odourless
- Sanitary formulation
- Good resistance to UV, water and weather

APPLICATIONS

Arc Lead Sealant has been especially developed to point lead into brickwork, for connection joints in concrete, brickwork, curtain wall constructions, glazing systems, kitchens, bathrooms, showers and industrial applications.

Compatibility with edge seals of insulation glass cannot be guaranteed, as the compositions of sealant for the edges of insulation glass can be different or changed by the producer of insulation glass.

Advices concerning the compatibility of glazing sealants to the edge seals of insulation glass are based on experience and therefore not guaranteed.

DIRECTIONS OF USE

A well designed joint is a joint with a sufficient width so it would be able to take and process the movement of the adjacent building elements. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width till 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the ratio is 1:2 with a minimum depth of at least 10 mm and a maximum of 15 mm. For further question please contact our technical service.

SURFACE PREPARATIONS AND FINISHING

Application temperature: +5°C to +40°C (environment and substrates). Surfaces must be dry, clean and solid. Arc Lead Sealant adheres perfectly without the use of a primer to most non porous substrates. Strong porous surfaces to be pre treated with a primer. Always test adhesion prior to application. Use a Finisher to smooth the joint.



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LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates
- Discoloration can occur in dark places and by contact with chemicals

PAINTABILITY

Arc Lead Sealant is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated by silicone.

CLEANING

Uncured material and tools can be cleaned by using soap & water. Cured material can only be mechanically removed. Hands can be cleaned with Wipes.

SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelf life up to 12 months from production date, stored in a dry place.

TECHNICAL DATA

Base	Neutrale oxime
Density	0.96g/ml
Shore A	17 Shore A (DIN 53505)
Skin formation	8-10 min @ +23°C/55% RH
100% modulus	0.25 MPA (N/mm ²)
Tensile strength	0.80 MPA (N/mm ²)
Temperature resistance	-40°C to +120°C
Application temperature	+5°C to +40°C
Frost resistance during transportation	Up to -15°C

CERTIFICATION

	EN 15651-1: F-EXT-INT-CC 12.5E EN 15651-2: G-CC EN 15651-3: S XS1
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HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use.

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.