

# Technical Data Sheet

Date of compilation: 01/04/2022

## ARC DECORATORS CAULK

### DESCRIPTION

Arc Decorators Filler is a water based flexible instant acrylic filler that will not crack and is easy to apply. It provides a flexible long lasting seal that adheres to virtually all materials. It dries quickly, no sanding required and can be over painted in 1-2 hours.

### CHARACTERISTICS / ADVANTAGES:

- Permanently flexible
- Adheres to most surfaces
- Mould resistant
- Overpaintable
- Easy clean up



### USES

- Sealing around timber and metal window and door frames.
- PVCu profile, trim and cladding.
- Internal sealing around PVCu window and door frames.
- Sealing cracks and gaps in brickwork, stone and concrete.
- An adhesive for bonding polystyrene coving and tiles.
- Gap and crack filler prior to decorating.

### APPLICATION GUIDE

#### SUBSTRATE PREPARATION:

All surfaces must be clean and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Highly porous substrates such as new plaster should first be primed with Arc PVA bond diluted 1:4 with water. This product can be applied to slightly damp, but not wet surfaces.

#### APPLICATION METHOD / TOOLS

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed. Smooth down within 20 minutes of application using a wetted spatula, piece of wood or wetted gloved finger. Care should be taken at this point not to saturate the surface as this

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will delay drying. Any excess sealant etc., can be removed using a sponge and warm water. Can be overpainted after approximately 1 hour.

### Joint design should be as follows:

Minimum width: 5mm.

Maximum width: 25mm.

Recommended depth should be half the width.

For deep joints, reduce depth by using Arc Foam or a suitable joint backer rod.

All joints should be designed so that the seal is placed in a position which does not retain water or form a water trap. Triangular fillets should be no less than 12mm across the face and should be finished with a flat or convex face.

### LIMITATIONS

Protect from water for a minimum of 24 hours after application. Note that damp or humid conditions will significantly extend the cure time. Do not expose to water until fully cured. If a quicker cure is required, use Arc Multi-Purpose Silicone. Not for use in conjunction with bitumen or asphalt. Do not attempt to abrade when cured. Do not use around shower trays. Use Arc Silicone for greater movement capabilities.

Do not overpaint until a surface skin has formed. Overpainting is not necessary.

Note: this product is a flexible. Certain poor quality paints (especially certain vinyl mattes) have very little movement in the dry film. It is possible for the dry paint film to crack if movement is excessive.

### SPECIFICATION COMPLIANCE

EN ISO11600 F 12.5P

CE marked BS EN 15651 Perimeter frame and joint sealant Type F-EXT-INT

### TECHNICAL DETAILS

Composition:	A blend of acrylic polymers and selected fillers.
Form:	Ready to use paste.
Specific Gravity:	1.64 - 1.68.
Tack Free Time:	15 minutes - 1 hour dependant upon ambient conditions.
Full Cure:	Optimum performance achieved within 1 week dependant upon joint dimensions and ambient conditions.
Application Temp Range:	+5°C to +40°C.
Service Temp Range:	-20°C to +70°C.
Slump Resistance:	Good. May be used in joints up to 25mm wide and 20mm deep.

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Shelf Life:	Minimum 12 months when stored in unopened cartridges under cool, dry conditions. Undue exposure to sub-zero temperatures can result in deterioration of the emulsion system.
Life Expectancy:	When applied correctly the sealant will perform satisfactorily for up to 12 years.

### COVERAGE

Each cartridge contains sufficient to cover approximately 10.5 metres of a 6mm x 6mm joint, excluding wastage.

### PACKAGING

380ml cartridge available in White & Magnolia.

### STORAGE & SHELF LIFE

Store in dry conditions between 5°C and 25°C. PROTECT FROM FROST. Shelf life up to 36 months when stored in unopened cartridges in cool dry conditions.

### HEALTH & SAFETY

See Health & Safety data sheet before using the product.

### 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.