

Flexseal GA777

General purpose acrylic sealant with mould resistance (Formerly known as Aylaseal 777)



Description

Flexseal GA777 is a one-part, general purpose acrylic sealant which can be used internally or externally. It cures on exposure to the atmosphere to form a flexible sealant. Flexseal GA777 does not need primer when applied to concrete stone, marble and aluminum surfaces.

Applications

Flexseal GA777 is used for sealing joints in the building industry in many applications such as:

- ▲ Concrete, wood, anodized aluminum, blockwork, marble and natural stone.
- ▲ Around windows and door frames.
- ▲ Cladding panels.
- ▲ Galvanized metal sheets.
- ▲ Ducts.

Also it can be used as an adhesive to fix light weight building materials (*Adhesion test is recommended before use*).

Advantages

- ▲ Single component ready for use.
- ▲ 10% movement accommodation factor.
- ▲ UV resistant.
- ▲ Excellent mould resistance.
- ▲ Excellent adhesion to most building substrates.
- ▲ Can be painted.
- ▲ Available in a wide range of colours.

Standards

Flexseal GA777 complies with ASTM C834, Type OP, Grade NF.

Method of Use

Joint Surface Preparation

Surfaces must be clean, dry and free from dust, grease, oils and all other contaminants.

Joint Backing

Where applicable, appropriate joint backing rod such as closed cell polyethylene foam, should be used to provide the correct joint depth.

Technical Properties:

Movement accommodation:	10%
UV resistance:	Excellent
Sag resistance:	Excellent
Service temperature:	-5 - 60°C
Application temperature:	10 - 50°C
Elongation: ASTM D412	> 200%
Curing rate:	3 mm/day @ 20°C
VOC:	< 50 g/ltr

Application

Flexseal GA777 is supplied in cartridges and can be applied into the joint using a skeleton Gun.

Cut off cartridge top, cut nozzle to required size, attach the nozzle to the cartridge. Extrude the sealant firmly against the joint surfaces to ensure complete contact.

Tool the sealant into the joint to compact and achieve a good surface finish. Tool within 10 minutes after sealant is applied.

It is recommended to use masking tape on each side of the joint to maintain clean and uniform joint sides. Remove the masking tape directly after tooling the sealant.

Remarks

Flexseal GA777 is not recommended for joints subjected to limited movements or for joints subjected to water splashing.

Cleaning

Uncured sealant can be removed using clean water, cured sealant should be removed mechanically.

Packaging

Flexseal GA777 is available in 280 ml cartridges.



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Sealant Quantity Estimator

Joint size mm	Meters per 280 ml cartridge
3 x 5	20.65
5 x 5	12.40
10 x 5	4.10
10 x 10	3.10
20 x 10	1.55
20 x 20	0.77
25 x 12	1.03

Joint Size Suitability

Joint width*:

- ▲ 3 mm minimum.
- ▲ 25 mm maximum.

Joint depth:

- ▲ Half the joint width.

Storage

Store in a dry and cool conditions away from humidity.

Shelf Life

Flexseal GA777 has a shelf life of 12 months from date of manufacture in original unopened package away from humidity.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

Cautions

Health and Safety

If Flexseal GA777 comes into contact with eyes, flush with copious volumes of cold water and obtain medical attention.

For further information refer to the Material Safety Data Sheet.

Fire

Flexseal GA777 is nonflammable.

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- ▲ Concrete repair.
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- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.



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