PRODUCT DATA SHEET

Hodgson

AQUACAULK

Version No. 3	Revision Date: 28/04/09	Page 1 of 2

DESCRIPTION

Aquacaulk is a high performance emulsion acrylic sealant based on the latest developments in acrylic elastomer technology. It has been specially formulated for sealing around window frames, skirtings, architraves and general small gap filling. Used extensively by contractors over many years, it offers a degree of flexibility whilst still retaining the ability to be easily overcoated with conventional paints. Although primarily used internally, it has good external performance when applied in suitable conditions.

KEY FEATURES

Good adhesion to a wide variety of surfaces including PVC, timber and brickwork.	Can be overpainted within 1 - 2 hours with both water and solvent borne paints.
Easy to apply and finish.	Contains a high level of fungicide for long term decorative appearance.
Quick drying - forms a skin within 15 minutes internally.	

TECHNICAL APPROVALS

Aquacaulk is a high performance sealant which conforms to ISO 11600 - F-12.5P

USES

For sealing internal joints around window and door frames, skirting boards, coving and dado rails.	Perimeter pointing of windows and doors.
Sealing cracks in plaster.	External low to medium movement joints between brick, concrete and timber. **Note:** Ensure that the conditions are suitable to allow the development of a substantial skin before exposure to rain, typically a minimum of 4 hours.

PERFORMANCE

Adhesion: Moderate to good adhesion to timber, PVC, plasterboard and plywood	**Service life (predicted):** 15 years
Base technology: Acrylic polymer	**Service temperature range:** +5°C to +30°C
Chemical resistance: Fair to dilute acids and alkalis	**Shrinkage:** < 20%
Curing system: Evaporation	**Specific gravity:** 1.62 to 1.66 g/cm^3
Hardness (Shore A 25°C): Approx 50	**Slump:** Nil: (up to 20mm x 10mm vertical channel)
Mould resistance: Contains a fungicide	**Staining:** Nil
Movement accommodation: ±12.5%	**UV resistance:** Good
Paintability: Easily overpainted	**Volatile content:** < 20%

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APPLICATION

PROPERTIES

Application temperature range: +5°C to +30°C

Curing rate: Full cure 3 - 5 days depending on thickness, ambient temperature and humidity. Lower temperatures and drier conditions will result in a slower rate of cure.

Shelf life: 12 months. Do not store below 5°C (avoid frost)

Skinning time: Skin forms after approximately 15 - 60 mins dependent on thickness, ambient temperature and humidity.

Working time: Approximately 5 minutes.

INSTRUCTIONS

Joint design: Please consult the ***Technical Information Sheet*** entitled 'Joint design for cartridge based products' prior to application.

Surface preparation: All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed

Cut the top of the screw thread off the cartridge and screw on the nozzle. Cut nozzle to correct diameter for joint size. Apply using a skeleton or powered gun into the joint ensuring good contact with surfaces.

Tooling:. Tool immediately after sealant has been applied within the working time for the product.

EQUIPMENT

A selection of hand & air operated guns is available for cartridge application including a high power type especially suitable for filling deep voids.

PACKAGING

310ml cartridges - 25 per Case.	Colours: Brown & white.

ESTIMATING QUANTITIES

$$\text{Number of cartridges} = \frac{\text{Joint depth (mm) x Joint width (mm) x Length (M)}}{\text{Volume of cartridge (ml)}}$$

This calculation does not allow for wastage.

HEALTH AND SAFETY

Non-flammable. Contains a fungicide.	Wash hands immediately after use. See Product Safety Data Sheet for further information.

GENERAL

Aquacaulk is part of a full range of speciality sealants and tapes designed for the professional user. For further information please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.

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