PRODUCT DATA SHEET

Hodgson

CONSTRUCTION FOAM

Version No. 2	Revision Date: 02/02/09	Page 1 of 2

DESCRIPTION

The Construction Foam range of polyurethane foam products and equipment offers exceptional performance and value for the professional user. Ideal for filling uneven gaps around window and door frames, wall penetrations and general gap filling. This multi-purpose foam expands over 30 times its original volume to provide a strong filler which can subsequently be cut, sawn, or overcoated.

KEY FEATURES

Good adhesion to a wide variety of surfaces such as PVCU, masonry, brick, blockwork and timber.	Can increase the rigidity and insulation value of structures.
Expands to over 30 times its original volume.	Moulds itself to substrate irregularities.
A 750ml canister yields approximately 30 litres of free expanded foam at 20°C.	Weatherproof and will not rot.
Fast curing - depending on temperature, the material can be worked on within 2 - 6 hours.	Does not contain CFCs and is environmentally friendly.
Compatible with most sealants.	Available in hand applied (Construction Foam H) and gun applied (Construction Foam G) canisters.
60-70% closed cell structure.	

TECHNICAL APPROVALS

Construction Foam conforms to the following standards:- Flammability class (DIN 4102) - B3

USES

Filling uneven gaps around window and door frames. Particularly useful where there is a concrete or steel lintel at the head of a frame or where a cavity in the wall interferes with the normal fixing.	Model making and general DIY use. Provides a backing material for joints prior to the application of sealant.
To maintain insulation to cavities and joints in structures.	The adhesion of most sealants to Construction Foam is good.
Filling wall penetrations around pipes and general gap filling.	**Note:** Construction Foam must be protected from UV light either by painting it or covering it with a trim, plaster, mortar etc.

PERFORMANCE

Adhesion: Excellent to masonry, steel, timber and PVC-U	**Service life (predicted):** 20 years
Base technology: Polyurethane	**Service temperature range:** -40°C to +90°C
Chemical resistance: Excellent to dilute acids and alkalis	**Staining:** Nil
Curing system: Moisture activated	**Tensile strength:** 0.1 - 0.2 MPa
Mould resistance: Excellent	**UV resistance:** Protect from sunlight
Paintability: Accepts paint	

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APPLICATION

PROPERTIES

Application temperature range: +5°C to +35°C

Curing rate: Forms a skin in about 30 minutes and fully cures in about 6 hours depending on size of joint and ambient conditions.

Shelf life: 9 months

INSTRUCTIONS

Surface preparation: All surfaces must be clean, and free from oil, grease and loose materials.

Moisten surfaces well with clean water before use as this will improve both expansion and adhesion of the product. Shake the can of foam thoroughly before application.
To apply foam, turn can upside down and press adaptor / gun trigger.
Commence foaming at the lowest point of the joint and proceed carefully until familiar with the extrusion rate.
Fill the cavity about half full of foam as post expansion will totally fill the cavity.
After application the foam can be cut as soon as it has cured.
Protect cured foam from UV light by painting or covering with a trim, plaster, mortar etc.
Uncured foam can be removed using acetone but be careful not to damage surfaces. Cured foam must be removed mechanically, but may leave a permanent mark.
For full operation instructions see side of can.

EQUIPMENT

Professional Foam Gun: A high performance precision engineered applicator gun designed to meet the demands of everyday use on site.

Contractors Foam Gun: Good general performance for less regular use.

Care of guns: Never leave the gun separate from a can without first cleaning through with acetone.

PACKAGING

Construction Foam H: 750ml - 12 per case Construction Foam G: 700ml - 12 per case	Standard Colour: Buff

HEALTH AND SAFETY

Please refer to the Product Safety Data Sheet prior to using this product.

GENERAL

Construction Foam is part of a full range of polyurethane foam products, adhesives, and consumables 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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