



CRYSTAL CLEAR SEALANT

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DESCRIPTION

GRAFT® CRYSTAL CLEAR SEALANT is a high performance flexible one component sealant and adhesive, that can be used for a wide range of interior applications. It is easy to use apply and designed for sealing around kitchen worktops, sinks, basins, laminate floors, wooden furniture and ducting.

This product dries clear and is almost transparent perfect for sealing around wooden furniture providing protection while not hiding the natural wood grain or finish.

Suitable applications include:

- Sealing joints around sinks and basins.
- Sealing of gaps around worktops, fitted furniture, laminate and hard wood flooring.
- Bonding and sealing of skirting boards, coving & architraves.
- Bonding of carpet grippers.
- Draught proofing around doors and windows in areas subject to condensation.
- Sealing internally around hardwood and softwood joinery components (door/window frames).
- Sealing areas of high humidity.
- As a general purpose adhesive and wood glue.

Surplus un-cured material can be easily removed using a damp cloth.

Remark: As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Polyseam has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, are intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.



FEATURES

No priming required for most construction substrates. For use in joints up to 15mm wide.

- Resists growth of bacteria, moulds and yeasts.
- Applies white, crystal clear when fully dried.
- Excellent slump resistance.
- Joint movement capability 12.5%.
- 12 months shelf life.
- Fast cure – full cure is attained in 24 hours, depending on seal depth
- Solvent free.
- No priming required for most construction substrates
- Paintable.
- Excellent adhesion to most common building substrates.
- Flexible even after setting.

LIMITATIONS

GRAFT® CRYSTAL CLEAR SEALANT should not be used in:

- Joints continually submerged e.g. swimming pools, aquaria.
- Near bitumen.
- In floor joints or areas under constant abrasion.
- Microbial resistance is not a substitute for regular cleaning.
- Follow manufacturer's instructions on proprietary cleaning product.



CRYSTAL CLEAR SEALANT

PACKAGING

GRAFT® CRYSTAL CLEAR SEALANT is available in 310ml plastic cartridges.

APPLICATION INSTRUCTIONS

All surfaces must be clean and sound, free from dirt, grease or other contaminants that could impair adhesion or cause staining. Use mechanical abrasion to clean porous surfaces before application to remove loose material.

Particular attention should be paid to BS6093 (1993) codes of practice for design of joints and jointing in building construction, when p BREEAM International requiring a specification for a particular joint. In order to obtain maximum performance as a sealant the width of the joint should be twice the depth, and the use of backing material is strongly recommended e.g. polyethylene backer rod, mineral wool.

Prepare joint by cleaning and priming if necessary. Joint edges can be protected with masking tape prior to application. Cut nozzle to the desired angle and gun firmly into the joint to give a good solid fill. Strike of the sealant flush with the joint sides within five mins of application, before surface skinning occurs. A small amount of shrinkage will occur on curing. If a flush finish is required, fill the joint slightly proud of the surface to allow for shrinkage. To enable water run-off, design the joint and apply sealant where possible as a fillet joint with a 45 degree angle.

HEALTH AND SAFETY

Wash the material from the skin while still wet. Material in contact with eyes should be washed out immediately with water. Seek medical advice if discomfort persists.


More detailed information can be found in the relevant GRAFT® Material Safety Data Sheet.

USAGE

Usage for a standard 310ml cartridge.

Joint size (mm)	3x6	6x6	9x6	10x5	10X10	7x7 fillet	10X10 fillet
linear metre/ cartridge	17.2	8.6	5.7	6.2	3.1	12.6	6.2

EVALUATION OF VOC RESULTS

Regulation or protocol	Conclusion	Version of regulation or protocol
French VOC Regulation		Regulation of March and April 2011 (DEVL1101903D and DEVL1104875A)
French CMR components	Pass	Regulation of March and April 2011 (DEVL1101903D and DEVL1104875A)
AgBB	Pass	AgBB of February 2015. DIBt of October 2010
Belgian Regulation	Pass	Royal decree of May 2015 (C-2014/24239)
EMICODE	EC 1 PLUS	April 2013
Indoor Air Comfort®	Pass	Indoor Air Comfort 5.3a of March 2015
Indoor Air Comfort GOLD®	Pass	Indoor Air Comfort GOLD 5.3a of March 2015
EN 717-1 ^s	E1	2004
Blue Angel (RAL UZ 123)	Pass	Low-Emission Sealants for Interior Use, April 2009
BREEAM International	Compliant	GN22: BREEAM Recognised Schemes for VOC Emissions from Building Products

The testing methods described above are accredited on line with EN ISO/IEC 17025 by DANAK (no. 522). This accreditation is valid worldwide due to mutual approvals of the national accreditation bodies (ILAC/IAF).

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TECHNICAL DATA

From:	Ready to use thixotropic paste
Specify Gravity	1.04 - 1.08
Colour	Clear when dry
Flashpoint	None
Tack Free Time:	60 minutes maximum
Skin Time	30 minutes maximum
Cure Time	24 hours
Solids Content	>60%
Movement Accommodation	Low to medium 12.5% butt joints
Shelf Life	Up to 12 months when stored in unopened cartridges in cool dry conditions. Avoid temp above 30°C & below 5°C
Compatability	Can be used in contact with most building and decorating materials.
Service Temp Range	-15°C to +75°C
Classification	EN15651-1:2012 Internal facade EN15651-3:2012 Sanitary Joints
Durability	5 Years

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