

ONE FR

Fire-Rated Multipurpose Sprayable Contact Adhesive

TUSKBOND

Tuskbond ONE FR is a fire-rated, fast-drying, versatile, sprayable contact adhesive, suitable for bonding or sealing a wide range of products.

The adhesive provides good temperature resistance, class 0 fire rating, and a long open time. Tuskbond ONE FR is ideal for permanent bonds that require good initial bond strength. It provides an aggressive, fast, strong and permanent water resistant bond.

- ✔ **High performance:**
high strength bond achieved in minutes
- ✔ **Economical:**
fast easy application, with a fast drying time
- ✔ **Versatile:**
compatible with a wide variety of materials and subfloors
- ✔ **Product credentials:**
class 0 fire rating (tested to B5476 Part 6+7)



Usage

Approved substrates:

- | | |
|---------------------------------|---|
| • Concrete | • Felt |
| • Sand | • Plastic |
| • Cement screed | • Cardboard |
| • Plywood | • Polythene |
| • MDF | • Decorative laminates |
| • Flooring grade chipboard | • Synthetic backed carpet |
| • Hardboard | • Gel backed carpet |
| • Foil faced insulation | • Felt backed carpet |
| • Metals | • Carpet tiles |
| • Mineral wool based insulation | • Underlay |
| • Rubber | |
| • Fabrics | Do not use on flexible PVC or expanded polystyrene. |
| • Hessian | |
| • Foams | |

Packaging

Available Sizes:

22L

Disposal Info:

Once the canister is empty of any hazardous materials and depressurised, it can be considered as scrap metal, in accordance with the national or local waste company, under code EWC 15 01 04* (empty aerosol, non-hazardous residues).

Canisters and aerosols that are still pressurised and contain product should be disposed of in accordance with the national or local waste company under code EWC 16 05 04* (full or partially empty aerosol).



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Guidelines for use

Preparation:

USE IN A WELL VENTILATED AREA.

Surfaces to be bonded should be clean, dry and dust free. If cleaning solvents are used, allow adequate time for drying and wipe surface with a clean cloth before applying adhesive.

Once the hose and gun has been attached to the canister, open the valve fully. Check the connection points for leaks at this time.

On first use, the canister may initially take a few seconds to spray correctly. Spray initially onto on a scrap surface to ensure the spray pattern is correct for the application. The trigger restrictor on the gun can be used to set the spray to the required width.

Application:

Hold the gun at 90° to the surface, approximately 4-6 inches away and apply a uniform coat of adhesive to both substrates.

Apply adhesive in 4-6 inch bands overlapping each band by roughly 50%, with a double coat applied to the edges. Move at a steady pace that provides an even coat of adhesive without allowing any material to puddle. Spray one surface vertically the other horizontally. For most applications,

80-100% adhesive coverage is required for full bond strength. On porous materials, a second coat of adhesive may be necessary.

Allow the solvents to evaporate from the adhesive (1-2 minutes depending on ambient temperature). To know when the adhesive is ready to bond, it should not transfer to a gloved hand when touched and should feel dry. Bonding the substrates before the solvents have been allowed to evaporate can cause solvent entrapment resulting in bond failures.

Bring the two substrates together and apply a uniform pressure over the work piece, starting in the middle and working outwards. Pay particular attention to the edges.



Technical Information

Base/Solvent	Dichloromethane	Cure Time	Full cure: 24 hours
Propellant	Hydrocarbon	Shelf Life	12 months
Appearance	Clear or Red	Coverage	128m ² (Dry Coat Weight of 25gm ²)
Application Temperature	15°C-25°C	Solids Content	28%
Temperature Resistant	100°C	Storage Temperature	15°C-35°C
Open Time	60 minutes	Application	Spray-applied - web
Drying Time	1-2 minutes		

Certifications

- Wheelmark Certification
- Class 0 fire rating
- Tested to BS476 Part 6 - Pass/Part 7 - Class 1
- SAFT Heat Tested 100°C

IMPORTANT NOTES

Storage & Shelf Life

Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the product sprays like a jet, the canister is too cold.

Warm to at least 10°C before using. DO NOT ALLOW THE PRODUCT TO FREEZE.

Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months. The adhesive will have a limited life once the container is opened.

Temperature & Timings

All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact H.B Fuller for advice if you wish to operate outside of these parameters.

www.hbfuller.com

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