



# FIREBAN<sup>®</sup> EXPANDA FOAM

## FIRE RATED POLYURETHANE FOAM

04<sup>th</sup> February 2020

### YOUR SMART ADVANTAGES

- Fire resistant up to 120 minutes
- Meets AS 1530.4 – 2014
- Efficient seal against smoke and gas
- Excellent adhesion to most substrates (except Teflon, PE and PP)
- Excellent thermal and acoustic insulation
- High bonding strength
- Very good filling characteristics
- Excellent stability: no shrink or post expansion
- Can be painted after full cure (refer caution)

### USES

Bostik Fireban<sup>®</sup> Expanda Foam is a ready to use, single component, self-expanding, polyurethane foam, fire resistant up to a period of 2 hours as per AS1530.4 –2014.

### APPLICATIONS

- Fire resistant insulation of window and door frames
- Fire and smoke resistant sealing of connections between partition walls, ceilings and floors
- Filling of cavities
- All applications where fire resistant characteristics are required

### PRODUCT CHARACTERISTICS

Colour	Pink
Base	Polyurethane
Cure method	Moisture curing
Chemical resistance	Dilute acids, alkalis and some solvents. Intermittent contact with petroleum and diesel.
Application temperature	5°C to 35°C
Product code	30614940
750ml can/12 per carton	

### TYPICAL PERFORMANCE DATA (approx.)

Specification	
Fire test certification	AS 1530.4 – 2014
Closed cells	~ 70%
Cutting time FEICA TM1005	60-80 minutes
Density	20-30 kg/m <sup>3</sup>
Fire behavior DIN 4102-1	B1
Thermal conductivity	30-35 mW/m.K
Yield FEICA TM1003	750 ml = 25-30 litre
Service temperature	-40°C to +90°C
Tack free time	10-15 minutes
Cure time	2 hours for 30mm bead

### DIRECTIONS FOR USE

Recommended temperature for application (environment and substrate) is +15°C to +25°C. When applying in colder temperatures allow the canister to reach room temperature before use. Remove the cap and screw the straw applicator firmly onto the valve. Shake can well prior to use; at least 30 times. To apply foam, turn the can upside down and press the applicator. Half fill the cavity and allow the foam to expand. In cases of low humidity, lightly spray the foam with water. Foam will expand to fill void. When filling cavities wider and deeper than 4cm, apply foam in layers allowing 15-30 minutes between applications of each layer and misting with water between layers. Shake can regularly during application. When cured, foam can be cut, sanded and painted. Fresh foam can be removed directly with Bostik Handy Wipes. After curing the surplus foam can be removed with a utility knife, or a spatula.

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## SURFACE PREPARATION

Finishing Surfaces must be clean, free of oil and grease. Moisten the surfaces slightly with water using a spray bottle. In cold temperatures, warm the foam to be within the recommended temperature range. Protect eyes and wear gloves and protective clothes. Tapestry, floor-covering and furniture to be covered with paper or plastic foil.

## CLEANING

Uncured foam can be wiped away immediately using Bostik Handy Wipes. Cured foam must be mechanically removed.

## PAINTABILITY

A field test is mandatory to ensure compatibility of any coating. Can be painted or coated with plaster or acrylic sealant.

## LIMITATIONS

Not suitable for continuous water immersion or use in enclosed spaces. It will not bond to silicone, PTFE, polyethylene, polypropylene, soft plastics and greasy or oily surfaces.

## STORAGE AND SHELF LIFE

Extremely flammable aerosol Keep away from heat sparks, flame and other sources of ignition  
STORAGE: Store in a cool, dry place, in original packaging, away from sunlight and between +5°C and +25°C. Always store in upright position.  
SHELF LIFE: Up to 12 months from date of production if stored in recommended conditions.

## HEALTH AND SAFETY

EXTREMELY FLAMMABLE AEROSOL  
PRESSURIZED CONTAINER: MAY BURST IF HEATED.  
CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.  
HARMFUL IF INHALED.  
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.  
MAY CAUSE RESPIRATORY IRRITATION.  
SUSPECTED OF CAUSING CANCER.  
MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

Keep out of reach of children. Read label before use. Avoid breathing dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective clothing, gloves, eye/face protection and suitable respirator. In case of inadequate ventilation wear respiratory protection.

## DISPOSAL

Waste from residues/unused products should not be released into the environment. Dispose of in accordance with local regulations & in accordance with environmental legislation. Do not reuse empty contaminated containers.

**Fire:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Spills & Leaks:** Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums. Dispose of contents/container in accordance with local, regional, national and international regulations.

## FIRST AID

**Swallowed:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical assistance.  
**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.  
**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice.  
**Inhaled:** Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical advice.

**For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.**

BOSTIK HOTLINE

Smart help 1800 267 845



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