

XTREME FLEX

HIGH PERFORMANCE MS SEALANT & ADHESIVE

26th October 2017

YOUR SMART ADVANTAGES

- Universal sealant and adhesive
- Interior and exterior use
- UV resistant
- Paintable
- WaterMark™ certified WMKA2528/WMTS-014:2016
- Water potable (Water Potable to AS4020)
- Moisture and mould resistant
- Adheres perfectly without primer on most surfaces
- No shrinkage and bubble free
- Adheres even to damp surfaces
- Remains permanently elastic
- Neutral curing
- Almost odourless
- Non corrosive towards metals
- High mechanical resistance, end strength and E-modulus
- Absorbs acoustic and mechanical vibrations
- Environmentally friendly
- Low VOC

USES

Bostik Xtreme Flex is a high performance, universal sealant and adhesive based on MSP (Modified Silyl-Polymer) technology. Xtreme Flex cures with the aid of atmospheric humidity to form a durable elastic rubber and can be used on many building materials such as:

- Concrete
- Glass
- Plasterboard,
- Polyurethane
- Stone (excluding natural stone)
- PVC
- Hard plastics
- Enamel
- Ceramic
- Copper
- Lead
- Zinc
- Aluminium
- Alloys
- Stainless steel
- HPL
- Cement fibre panels
- Wood and paint systems
- For sealing in cold storage cells and areas for food

PRODUCT CHARACTERISTICS

Colours	White, Grey & Black
Viscosity	Smooth, paste like consistency
Composition	MS Polymer
Curing Method	Moisture Curing
Temperature resistance	-40°C to 90°C
Product codes	
290ml cartridge/12 per carton	
White	30610668
Grey	30610797
Black	30610681

TYPICAL PERFORMANCE DATA (approx.)

Shore A hardness	52 (DIN 53505)
100% Modulus	1.35 MPa
Application temperature	5°C to 40°C
Frost resistance during transportation	Down to -15°C
Flow/Slump	< 2mm (ISO 7390)
Cure rate	2-3mm per day at 23°C/50% RH
Skin time	10 minutes at 23°C/50% RH
Specific gravity	1.58 g/ml
Elongation at break	400%
Joint movement	25%
Tensile strength	2.20 MPa

DIRECTIONS FOR USE

Read and understand the Safety Data Sheet before using this product. SDS can be acquired by visiting www.bostik.com.au.

BOSTIK XTREME FLEX

SURFACE PREPARATION

For optimum performance, surfaces to be bonded should be clean, dry, and free of dust, wax, grease or any loose or flaking paint. Bostik Xtreme Flex adheres without the use of a primer on most non porous substrates. Porous substrates should be pre-treated with Bostik Simson Prep P. Always test adhesion prior to application.

APPLICATION

Sealing application:

1. Cut the top of the cartridge and screw on the nozzle
2. Cut the nozzle to give the required angle and bead size
3. Place the cartridge in a caulking gun and squeeze the trigger

Apply Bostik Xtreme Flex in a continuous operation using enough pressure to properly fill the joint. Tool off the surface of the sealant with an appropriate sized spatula or trowel. Apply sufficient pressure to leave a smooth, consistent surface and ensure maximum contact with the interface of the joint

Joint sealing hints:

- Always use a backing rod for correct sealant geometry and contact with the substrate
- Prime after the installation of the backing rod
- Ensure maximum adhesion to bond face
- Minimum allowable joint depth is 6mm
- Maximum allowable joint width is 50mm
- Depth to width ration of 1:1 up to 12mm width and 1:2 from 12-50mm width
- Tool sealant to achieve concave shape

Bonding application:

1. Hold caulking gun at a 45° angle and extrude a bead of Bostik Xtreme Flex onto one of the two substrates to be bonded
2. Push the two surfaces together before the adhesive skins over and press firmly over entire surfaces to transfer the adhesive
3. Adhered surfaces maybe re-adjustable within the first minute. Do not adjust the substrates or put them under any stress in the next 12 hours.

PAINTABILITY

Bostik Xtreme Flex is perfectly paintable with water based and 2 component paints. It is recommended to test compatibility with paint prior to application.

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorine (pools)

CLEANING

Remove excess uncured sealant with a damp cloth or water immediately. Cured sealant is best removed by mechanical scraping or sanding. Use Bostik Handy Wipe towels to remove adhesive from skin.

STORAGE AND SHELF LIFE

Store in a cool dry place (between 5°C to 25°C) and out of direct sunlight. Shelf life is 18 months from the date of manufacture when stored as directed.

DISPOSAL

Empty cartridges and sausages may be disposed via local landfill. If spilt, absorb with clay, sand or earth. Collect and seal in properly labeled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

VOC INFORMATION

37.9 g/litre

HEALTH AND SAFETY

Non-hazardous. If poisoning occurs, contact Poisons Information Centre.

SAFETY

Avoid contact with skin and eyes. Avoid breathing dust, fume, gas, mist, vapour or spray. Wear overalls, safety shoes, impervious gloves and safety glasses. Use only in well ventilated areas. Wash hands after use. Keep containers closed when not in use.

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 labeled 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 advice.

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. 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 898 551



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