



Xtreme Flex

HIGH PERFORMANCE MSP SEALANT & ADHESIVE IN ONE

TECHNICAL SHEET 22/08/2023

SMART ADVANTAGES

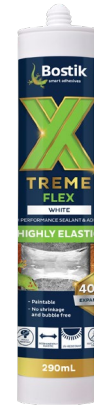
- Universal sealant and adhesive
- Interior and exterior use
- UV resistant
- Paintable
- WaterMark™ certified WMKA2528/WMTS-014:2016
- Water potable (Water Potable to AS4020)
- Moisture and mould resistant
- Adheres perfectly without primer on most surfaces
- No shrinkage and bubble free
- Adheres even 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
- Low VOC

DESCRIPTION

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.

USES

- 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

APPROVALS/CERTIFICATIONS

- WaterMark™ certified WMKA2528/WMTS-014:2016
- Water Potable to AS4020

PACKAGING

White	30610668	290ml x 12
Grey	30610797	290ml x 12
Black	30610681	290ml x 12

PRODUCT CHARACTERISTICS

Appearance	White, grey, or black
Viscosity	Smooth, paste like consistency

Composition	MS Polymer
Cure method	Moisture curing
Temperature resistance	-40°C to 90°C
VOC	37.9g/L
TYPICAL PERFORMANCE DATA	
Shore A hardness	52 (DIN 53505)
100% Modulus	1.35 MPa
Tensile strength	2.20 MPa
Specific gravity	1.58 g/ml
Application temperature	5°C to 40°C
Frost resistance during transport	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
Elongation at break	400%
Joint movement	25%

USING XTREME FLEX

READ AND UNDERSTAND THE SAFETY DATA SHEET BEFORE USING THIS PRODUCT. SDS CAN BE ACQUIRED BY VISITING WWW.BOSTIK.COM.AU.

TOOLS

Bostik **Bostik Xtreme Flex** should be dispensed from by means of a caulking gun.

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

Bostik Australia
51-71 High St, Thomastown
VIC 3041
P: 1800 267 845
www.bostik.com.au

Apply Bostik Xtreme Flex in a continuous operation using enough pressure to properly fill the joint. Tool off the surface of the sealant with the appropriately 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.

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.

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)

BOSTIK HOTLINE

1800 BOSTIK (267 845)



STORAGE & 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.

HEALTH & SAFETY

Non-hazardous. If poisoning occurs, contact Poisons Information Centre on 131 126 (AU)

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: Do not induce vomiting, give a glass of water, and seek medical advice.

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.

Eyes: Hold eyes open and flood with water for at least 15 minutes and see doctor.

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

Bostik Australia
51-71 High St, Thomastown
VIC 3041
P: 1800 267 845
www.bostik.com.au

BOSTIK HOTLINE

1800 BOSTIK (267 845)



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers, and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers, or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out-of-date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Australian Consumer Law (ACL). Sale of the product by Bostik is subject to the Bostik Australia Proprietary Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.com.au