



Data Sheet / Declaration of use for Orange240 used in conjunction with Blue60

Orange 240® Acrylic is a Halogen Free Sealant that when used in conjunction with Blue60 can be used to fill the gaps below 4mm and can also if required be used to over cap the Blue60 to provide a paintable finish and will give up to 1 hour fire and smoke protection. this type of installation should used Blue60 fire rated packers in every case. This combined installation will offer excellent thermal and acoustic properties.

Orange 240® has been tested in conjunction with Blue 60® for 30 and 60 minute door installation scenarios

DIRECTIONS FOR USE

Surfaces to be sealed must be clean, dry and free from dust, dirt, frost, grease and other contamination. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately after filling / smoothing has been completed. Cut both the cartridge tip and applicator nozzle to the required diameter and angle, screw nozzle onto cartridge.

Apply sealant with applicator gun ensuring good surface contact is achieved by forcing sealant into the joint to be sealed. If necessary, use a backing material to control sealant depth. Smooth within 5 minutes of application using a spatula dipped in soapy water, apply sufficient pressure to ensure good contact of the sealant against the joint surfaces. Clean tools with water immediately after use. Wash hands after use.

When using Orange240 around a fire door whether in conjunction with Blue60, or not, the frame must be packed into position using Blue60 fire rated packers

CERTIFICATION

BS 476 Pt : 22
 BS EN 1634-1 2014 + A1 2018 (frame perimeter)
 Acoustic properties: BS EN ISO 10140-2:2010.
 EN1634-3 Smoke Test
 Emission Performance: Eurofins VOC Indoor Air Comfort GOLD, VOC M1

STORAGE

In a cool dry environment, shelf life 18 months from date of manufacture in original unopened cartridge. Store between +5°C and +30°C. Do not store below 5°C shelf life 18 months from date of manufacture in original unopened cartridge. Store between +5°C and +30°C. Do not store below 5°C

COVERAGE

Orange 240 310ml Cartridge contains sufficient material to seal 4 metres of a 12mm x 6mm joint. 750ml
 can of Blue60 gives a 0.045 cubic metres

LIMITATIONS

Not be used in applications subject to permanent water immersion. Do not use on substrates that bleed oils or plasticisers.

SUPPLY DETAILS

310ml Plastic Tubes - 25per box - 1600 tubes per pallet / 600ml Foil Sleeves - 12per box - 980 per pallet
 750ml Cans of Blue60 - 12 per box 1200 per pallet

PERFORMANCE TABLE

30 Minute Timber Doorset

Wall Construction	Frame Material	Frame Depth	Gaps	Tested to
Timber Stud Steel Stud Brickwork	MDF Softwood minimum density 450 kg/m3	Minimum Depth 70mm	Blue60 4mm : 30mm Orange240 upto 15mm'width min 10mm depth	BS EN 1634-1 BS 476 Part 22

60 Minute Timber Doorset

Wall Construction	Frame Material	Frame Depth	Gaps	Tested to
Timber Stud Steel Stud Brickwork	MDF Hardwood minimum density 610 kg/m3	Minimum Depth 80mm	Blue60 4mm : 30mm Orange240 upto 15mm'width min 10mm depth	BS EN 1634-1 BS 476 Part 22

Orange240 is designed to fill gaps around a Fire Doorset perimeter where gaps run smaller than the limitation of a Blue60 installation. The designers recommendation is to use Blue60 in all gap above 5mm and Orange240 in gaps of 5mm and below.

HEALTH & SAFETY

Non-flammable. Avoid contact with skin and eyes. In case of contact with eyes, flush immediately with water and seek medical advice. Wear suitable protective clothing and gloves. Keep out of reach of children. Do not ingest. Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction