

# FLASHPOINT



-  Designed for lead-masonry and lead-brick pointed work.
-  Avoids problems of cracking and lack of adhesion associated with mortar joints.
-  Gives a permanent, flexible and waterproof joint.
-  Cleaner, quicker and easier to use than mortar, with high adhesion to both lead and masonry.
-  Neutral cure product; an acid cure will give rise to white stains on the lead.
-  Life expectancy of 20 years.
-  Recommended by the Lead Sheet Association.

Flashpoint provides a preferred alternative to the use of mortar as a pointing material for lead-brick and lead-masonry joints. Mortar is unable to expand and contract with lead and masonry during temperature variations, leading in some cases to the mortar cracking and allowing ingress of water.

Flashpoint is a one part, neutral cure, silicone based sealant that once applied will cure to give a flexible, durable and elastic seal, capable of accommodating the high degree of thermal expansion and contraction often encountered with lead flashings exposed to direct sunlight.

Because of its water content, mortar cannot be applied in cold, frosty conditions. However, Premium Flashpoint with its large service temperature range (see Product Description and Properties overleaf), can be used at temperatures down to -65°C.

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## Advice on use

- 1 The minimum depth of the sealant injection is 10mm, but in the majority of situations the mortar in a joint should be removed to a depth of 25mm.
- 2 Ensure all mortar is removed from the masonry and lead faces to be sealed by Flashpoint.
- 3 Ensure that joint is completely dry and free of dust before applying sealant.
- 4 Cut the plastic nozzle to an internal diameter suitable to the height of the joint and such that it allows sealant to fill its full depth.
- 5 In order to obtain a professional finish, smooth the face of the Flashpointed joint with a dampened pointing iron before the sealant has skinned over.
- 6 Premium Flashpoint is not an adhesive and is not recommended for joining lead to lead.

## **Joints without a dpc**

- 1 Turn lead sheet into a joint or chase to a depth of not less than 25mm and secure with wedges or clips.
- 2 Lead sheet folded into wide joints of over 18mm cannot be fixed by wedges or clips. Turn up the sheet at the back of the joint and fix with stainless steel screws and washers at 450mm intervals.
- 3 Ensure any space in the joint behind the sealant is plugged with a suitable gap fill product, allowing a depth of at least 10mm for sealant.
- 4 Introduce sealant. To complete the outer layer on a wide joint, cut the sealant nozzle at an angle and apply sealant to top and bottom of the joint before filling the centre.

## **Joints with a dpc\***

- 1 Fixing lead sheet under a dpc without it being damaged can be difficult because of the reduction in joint width. Replacing the outer 25mm of mortar under the dpc during the build with narrow timber fillets is preferable to raking out green mortar from this narrow gap after laying the course.
- 2 Remove timber fillets once mortar has set and insert lead sheet.
- 3 Introduce sealant between lead and dpc, ensuring no voids.

\* Flashpoint is not recommended in cases where it will be in contact with tarry products such as bituminous dpc's or roofing felts.

## Lot Sizes

310ml tubes - 12 tubes per box

## Health & Safety Advice

-  Keep out of the reach of children.
-  Avoid contact with skin or eyes. In case of contact with eyes, rinse with plenty of water and seek medical advice.
-  When working with lead, follow standard health and safety procedures as laid out in Control of Lead at Work Regulations 2002. Always wash hands well before eating, drinking or smoking.
-  Remove lead residues from skin after working with lead metal by washing with Premium Metwash - Soap and Bodywash.

## Product Description and Properties

Shore A hardness:	25 (approx.)	Base Composition:	Silicone rubber
Shelf life:	One year	Appearance:	Ductile paste
Tack free time:	30 minutes - dependent on temperature		
Cure period:	3mm depth - 1 to 3 days ; 10mm depth - 14 days		
Maximum movement capability:	± 25 %		
Service temperature range:	-65 C to 165 C		
Performance life expectancy:	At least 20 years, if installed correctly		
Coverage:	A 310ml tube, extruded into a 6mm x 12mm joint, will point approx. 5 linear metres.		