



# LEAD PRO

## Low Modulus Hybrid Roofing & Flashing Sealant

### Technical Data Sheet



#### PRO RANGE OF (HYBRID) SEALANTS & ADHESIVES

CLASS  
EN15651-1: F EXT-INT  
25LM CC

#### Description:

A one part, high quality, low modulus sealing material based on advanced hybrid polymer technology. A "hybrid" sealant for use in areas requiring a tough elastic rubber joint or as an adhesive with superior bonding strength. Conforms to EN 15651-1.

#### Features & Benefits:

- ◆ Solvent-free and low odour.
- ◆ Can be overpainted with waterbased paints.
- ◆ Easy to tool and finish.
- ◆ For sealing interior and exterior applications in all weather conditions.
- ◆ Quick curing.
- ◆ Non shrinking and flexible.
- ◆ UV, heat and ozone resistant.
- ◆ Contains no isocyanates, solvents, silicone and phthalates.
- ◆ Very low emissions, EC1+ certified.
- ◆ Excellent adhesion to most surfaces (even moist surfaces).

#### Uses

A fast skinning, hybrid roofing sealant and adhesive that reduces weather ingress, tile lift and noise. Provides long term weather resistant joints. For use on all types of roof, flashing, soffits and guttering. Can be used on lead, concrete, brickwork, aluminium, copper, uPVC, steel, timber, industrial roofing panels, slate, tiles, acrylic, glass, GRP and bitumen (provided the bitumen is primed first). Also suitable for internal use for sub-roof ducting and for sealing roof lights, mechanical fasteners and cladding, as well as with solar energy systems. Suitable for indoor and outdoor use.

We recommend that test areas be carried out prior to application to ensure compatibility of materials.

#### Limitations

LEAD PRO cannot be applied to saturated surfaces. For use on bitumen-based substrates or natural stone, a suitable primer must be used. Pre-stressed PMMA and Polycarbonate (PC) could result in stress cracking of the plastics. For these substrates, we recommend conducting preliminary tests. Not recommended as a glazing sealant for bedding in glass. Sealant may discolour under extreme conditions and long exposure to UV light. Can be overpainted with water-based paints, always test compatibility before use.

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#### Preparation

Ensure all surfaces are clean and free from grease, oil or any other contaminants that may hinder adhesion. Surfaces may be moist but not overly saturated with water.

#### Application

Carefully cut the top of the cartridge taking care not to damage the threaded area. Screw on the nozzle supplied and cut at an angle approximately 45°. Apply using a standard sealant gun in a continuous bead along the aperture and leave to fully cure. When sealing deep joints use foam backer rods to minimise wastage. Prime porous materials, such as concrete, limestone masonry, mineral plaster, fibre cement similar substrates prior to sealing for optimum adhesion. Smooth the joint using a SEALANT APPLICATOR TOOL and soapy water. Remove any excess material and clean tools with Bond It WHITE SPIRIT or MULTI-WIPES prior to curing taking place. Cured adhesive must be removed mechanically. Replace plastic cap after use.



#### Coverage

Depending upon substrate condition and porosity approximately 10 linear metres with a 6mm bead per cartridge.

#### Colour

Available in grey only.

#### Size

EU3 plastic cartridge.

#### Shelf Life

Minimum 18 months from date of manufacture, when stored in original, unopened cartridges.

#### Storage Conditions

Store in original, unopened cartridge, in a cool, dry place at a temperature between +5°C and +25°C. Protect from frost and direct sunlight.

#### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a

central disposal point in accordance with local regulations.

## Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control.**

## Specification Summary

Tooling Time	5-10 minutes
Skin Time (at +23°C and 50%RH)	Min 22 minutes +/-5
Full Cure Time (+23°C / 50%RH)	ca. 2mm depth per day
Application Temperature	+0°C to +40°C
Service Temperature	-40°C to +90°C
Shore A Hardness	25+/-5
Tensile Strength (DIN EN ISO 527-2)	0.95 N/mm <sup>2</sup>
Elongation At Break (DIN EN ISO 527-2)	500%
Movement Capability	25%
Modulus 100% (DIN EN ISO 527-2)	0.4 M/mm <sup>2</sup>
Volume Shrinkage (DIN EN ISO 10563)	>70%
Elastic Recovery (DIN EN ISO 7389-B)	<5%
Density	1.40+0.02g/cm <sup>3</sup>
Commodity Code	3214900000

## Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDLPROGY	Grey	285ml	5056437401533	71A0-J0EX-Q002-FNY0





## Part of the Bond It Pro Hybrid Sealant & Adhesive Range

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<b>BOND IT</b> G16 River Bank Way, Elland. HX5 9DN. UK	
<b>EN15651-1:2012</b> <b>F EXT - INT, 25LM, CC</b> <b>DoP: BDLPROGY NB: 1023</b> <b>DoP: BDLPROGY NB: 1023</b> Façade sealant for interior and exterior use.	
<b>Reaction to fire</b>	E
<b>Release of chemicals</b>	Evaluated
<b>Resistance to flow</b>	< 3mm
<b>Loss of volume</b>	<5%
<b>Tensile properties after water immersion</b>	Pass
<b>Durability</b>	Pass

**Note:** The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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ISO 9001  
ISO 14001  
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