INTRODUCTION
Arbosil 1090 is a one part Low Modulus Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form a very elastic silicone rubber. Arbosil 1090 has good adhesion to concrete, brickwork, metals and many other common construction substrates.

MAIN APPLICATIONS

Recommended for use in many construction applications including curtain walling, both original and remedial perimeter sealing, structural joints in light cladding, profiled metal roof sheets, joints in flat roof systems and guttering joints.

NB: Not recommended for overpainting, use with laminated glass and use against natural stone.

SPECIFICATION COMPLIANCE
BS EN ISO 11600 – F/G – 25 LM
BS 5889 Type A: 1989

APPLICATION INSTRUCTIONS

Joint Size Suitability

Joint Width
Minimum 6mm
Maximum 25mm (single application); for advice on multiple applications please contact Adshead Ratcliffe Technical Services Department.

Joint Depth
Minimum 10mm on porous substrates
Minimum 6mm on non-porous substrates
Maximum 20mm

Width:Depth ratio (within above min/max restrictions)
2:1 butt joints
1:1 lap joints

PACKAGING
25 x 380ml Polyethylene Cartridges per box. Polyethylene Nozzles are included in each box.

COLOURS
Grey, Black, Buff, Dark Bronze, Portland, Rustic Red, Teak, Pine.
(Special colours can be made to order subject to minimum batch size quantities. Please contact Adshead Ratcliffe Technical Services Department for further information).

STORAGE LIFE
9 months in original unopened packaging stored in a cool, dry place out of direct sunlight.

HEALTH AND SAFETY
No particular hazards with this product but please consult Material Safety Data Sheet for full information.

TECHNICAL DATA

Skin Time at 20º C/65 % RH: 20 minutes
Application Temperature: + 5º C to + 50º C
Service Temperature: - 50º C to + 120º C
Typical Shore Hardness: 20
Cure Rate at 20º C/65 % RH: 1mm/24 hours
Chemical Resistance: Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion.

UV Resistance: Very Good
Service Life: 25 years+
Movement Accommodation: Butt joints (movement in tension and compression): 70 %. Do not exceed ± 50 % in any one direction Lap joints (movement in shear): 150 %. Do not exceed ± 100 % in any one direction.
ACCESSORIES

Primer
Arbo Primer 2650 (500ml tin). Yield approximately 125 metres per tin
Arbo Primer 2402 (500ml tin). Yield approximately 200 metres per tin
Arbo Primer 2172 (500ml tin). Yield approximately 200 metres per tin

Cleaners
Arbo Cleaner No.17- 1 Litre Tin (Xylene based – not suitable for use
with plastics or delicate finishes)
Arbo Cleaner No. 16 - 1 Litre Tin (Alcohol Based)

Ancillary Equipment
Polyethylene Nozzles
Arbo Caulking Guns

QUANTITY ESTIMATOR

<table>
<thead>
<tr>
<th>Joint Size (mm)</th>
<th>Metres/Litre</th>
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<tbody>
<tr>
<td>6 x 6</td>
<td>27.8</td>
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<tr>
<td>9 x 6</td>
<td>18.5</td>
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<tr>
<td>12 x 9</td>
<td>9.3</td>
</tr>
<tr>
<td>18 x 10</td>
<td>5.6</td>
</tr>
<tr>
<td>25 x 10</td>
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Important: The information in this leaflet is given in good faith and
based on results gained from experience and tests. However, all
recommendations or suggestions are made without guarantee since
the conditions of use are beyond our control. Goods are supplied
subject to the Company’s terms and conditions of sales, a copy of
which is available on request.

Arbo sealants are manufactured in the U.K. by Adshead Ratcliffe.