

PRODUCT DATA SHEET

EVERBUILD® 102 Butyl Glazing Compound

PREMIUM GRADE BUTYL RUBBER GLAZING COMPOUND.

PRODUCT DESCRIPTION

EVERBUILD® 102 Butyl Glazing Compound is a hand applied semi-setting glazing compound for use in bead or channel glazing where limited structural or thermal movement is present. Suitable for both soft and hard-wood frames.

USES

- Suitable for use with laminated/heat absorbing glass.
- Bedding insulated glass units.
- Glazing greenhouses (metal and timber).

CHARACTERISTICS / ADVANTAGES

- Elastic formulation - moves with the frame.
- Easier to apply than most competitive putties.
- Extended shelf life.
- Added plasticiser improves adhesion and helps prevent cracking

Appearance

Thick buff to teak paste.

Application Temperature

5°C to 30°C.

Drying Time

Overpaint when skin has formed, between 7 and 28 days after glazing.

Coverage

For bedding, usage will be approx 3 meters per kg depending on rebate dimensions and frame type.

PRODUCT INFORMATION

Packaging	2kg Plastic Tub
Colour	Brown
Shelf Life	12 months from date of manufacture when stored according to manufacturers instructions.
Storage Conditions	Store at 5°C - 30°C. Product will stiffen at low temperatures.
Density	~2.0 g/cm ³ @ 20°C

TECHNICAL INFORMATION

Movement Capability	<5%, greater than conventional putties.
Service Temperature	-20°C to 70°C.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, dry, and free from dust, grease and other contamination.

PRIMING

Painted steel frames may be glazed without any further preparation. Galvanised frames must be passivated or allowed to weather naturally prior to glazing. Check that suitable primers (Calcium plumbate, zinc chromate) have hardened sufficiently by gently wiping with white spirits. All timber frames and beading must be sealed with two coats of impervious timber sealer prior to glazing. Failure to carry out this step will result in oil/plastisizer migration, shrinkage, water ingress and subsequent breakdown of the units.

APPLICATION METHOD / TOOLS

GLAZING

All glazing should be carried out by the methods outlined in BS6262:2005 and BS8000-7: 1990. Double glazed units must be taped with impervious tape (e.g. aluminium) prior to glazing to prevent any possible reaction with the wide variety of edge sealant formulations currently being used.

Setting and location blocks must be used. The use of distance pieces to give a minimum compound thickness of 3mm is essential. Greater depths may be required in exposed conditions to ensure durability. The channel around the glass must be filled to ensure no air voids remain.

OUTSIDE GLAZING

1. Clean the rebates and beads and seal both with two coats of an impervious timber sealer.
2. Clean the perimeter of the glass and apply impervious tape.
3. Apply back bed of EVERBUILD® 102 Butyl Glazing Compound to the rebate.
4. Insert setting blocks and distance pieces as required and insert the unit, pressing until it is firmly located.
5. Insert location blocks.
6. Apply EVERBUILD SILICONE 450 around the edge of the unit to completely fill the perimeter void.
7. Apply further SILICONE 450 around the edge of the unit to form a bed between the bead and the glass.
8. Insert distance pieces of the required thickness
9. Bed the bead firmly into the glass, squeezing the sealant up between the bead and the glass until the distance pieces are firmly held between the bead and the glass.
10. Fix the beads into position with sufficient permanent fixings to stop distortion.
11. Apply further SILICONE 450 to fill the space between the bead and the glass.
12. Tool sealant to a chamfer to shed water, lipping onto the edge of the bead.
13. Trim the back bedding of EVERBUILD® 102 Butyl Glazing Compound and finish to a chamfer to shed water.

GLAZING INTERNALLY

Use the same method as above, but in reverse. Bed

the unit in SILICONE 450 and fix the beading in EVERBUILD® 102 Butyl Glazing Compound.

OVERPAINTING

Product service life and performance may be improved by overpainting with oil-based undercoat and gloss. This is not necessary in all cases.

MAINTENANCE

Maintenance is essential for long term performance of the putty. Check periodically for defects and make good any repairs.

LIMITATIONS

- Unsuitable for plastic frames, or frames treated with decorative, microporous stains. Always mix contents of pack thoroughly to blend in any surface oil. Do not overpaint until a surface skin has formed (minimum 7 days, maximum 30 days).
- Do not apply below 4°C.
- Do not use in combination with metal casement putties to face glaze insulated glass units. Oil migration will result in poor performance of both products and will bring about subsequent failure.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data

Sheet for the product concerned, copies of which will be supplied on request.

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