



# Den Braven Sealants

Industry Dpt

## Data sheet

## TECFLEX 3060

**Product** One component moisture curing, high modulus adhesive

**Properties**

- Excellent adhesion without primer on glass and metal
- Isocyanates free
- Non conductive
- Non-corrosive
- High mechanical performances
- Excellent non sag properties
- Short cut-of string

**Standard colour available** Black, White  
**Packaging** 290 ml cartridges – 400 & 600 ml sausages. 25 & 200 litres drums.

**Where to use** Bonding and sealing of fixed glass and body parts in automotive, trucks, busses, aeronautical and marine industry, farm and construction equipments.

### Technical data

|                             |                                       |
|-----------------------------|---------------------------------------|
| Type                        | Modified Polyurethane based compound  |
| Consistency                 | Non-Sag high viscous paste            |
| Density                     | ≈ 1,52 g/ml                           |
| Shear modulus at 10%        | ≈ 2,00 MPa                            |
| Shore-A hardness            | ≈ 65°                                 |
| Shear strength              | ≈ 2,50 MPa                            |
| Tensile strength            | ≈ 4,00 MPa                            |
| Elongation at break         | >250%                                 |
| Application temperature     | + 5 > +35°C                           |
| Open time before assembling | ≈ 10 min. (by 23°C & 50 % R.H.)       |
| Curing speed                | ≈ 3 mm / 24h. (by 23° C. & 50 % R.H.) |
| Electrical resistivity      | > 10 <sup>10</sup> ohm x cm           |

### How to use

**Surface preparation** Surfaces must be clean, dry and free from all traces of oil or grease and all old adhesive residue. The contact with other kind of chemicals may cause heavy compatibility problems or be prejudicial to correct adhesion. Preliminary adhesion and compatibility tests are always recommended. The bond faces must be treated with the cleaning agent First One.

**Application** For the application of bonding of fixed glass, cut the cartridge nozzle to get a «V» end. Apply with hand, electric or pneumatic guns a bead of sealant on the edge of the glass. Place windscreen using adequate suction clamps within 10 minutes. Slightly press the windscreen on the frame to ensure a good contact. The glass must not be moved before 1 hour. Vehicle may run after 90 minutes under condition that above method has been followed.

**Cleaning** Material : immediately with MEC or chlorinated solvents  
Hands : soap and water

**Safety** « Safety data sheet according to 91/155/CEE » on request

The information, and, in particular, the recommendations relating to the application and end-use of this product, are given in good faith based on our current knowledge and experience of the product when properly stored, handled and applied under normal conditions. 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, no any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. Edition : 11/06/07

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## Data sheet **TECFLEX 3060**

### Shelf life

- 9 months in original closed packing, at temperatures  $+5 < +25^{\circ}\text{C}$

### Limitations

- Successful bonding of windshields requires meticulous preparation, application knowledge and basic skills.
- Ensure that the bead of adhesive is regular, unbroken and free of bubbles.
- The dimensions of the bead must be adapted to the kind of jointing without exceeding a thickness of 10 mm.
- Blank sanded metal frames must be protected against rust.
- Avoid exposure to high levels of chlorine.
- Avoid contact with alcohol and other solvent cleaners during cure.

### Limited warranty

Den Braven France warrants that its products will conform to Den Braven France specifications at the time of application or use. The products must be stored in accordance with Den Braven France recommendations, and used or applied before the earliest of expiration date of such other period or recommended storage time stated in the Den Braven France products literature. If notified, in writing, of a claim within three months of the product's use or application, Den Braven France will, at its option, replace or refund the purchase price of any Den Braven France products which does not satisfy the foregoing warranty.

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### Note

On many products, Den Braven France could accept to extend its warranty for some specific application. For further information, contact us.

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