



# PU Sealant 14 G

1K Gun Grade PU Sealant

Pack Size  
600ml

## TDS Technical Data Sheet

### Product Description/uses

PU Sealant 14 G is a one-part, moisture curing, elastic joint sealant suitable for movement and connection joints

### Characteristics / Advantages

- One-component, ready to use
- Good adhesion to many substrates
- Excellent workability, easy to smooth
- Can be overpainted/sanded
- Low stress to the substrates

### Test - Approval / Standard

- ISO 11600 (Type F20LM)
- ISO 11600 (Type F25HM)
- ASTM C920 + 100/-50

### Product Data

|                                |  |
|--------------------------------|--|
| Colors                         | White, Grey, Black   |
| Packaging                      | 600ml sausages   |
| Storage Condition / Shelf-Life | 12 months from the date of production if stored in an undamaged original sealed container in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C |

### Technical Data

|                |   |
|----------------|---|
| Chemical Base: | 1-Component polyurethane, moisture curing |
| Density        | 1.30 kg/l approx.                         |
| Skinning Time  | 90-120 minutes (23°C /50% r.h.)           |
| Curing Rate    | 4mm/24 h approx (23°C /50% r.h.)          |

|                     |                                      |
|---------------------|--------------------------------------|
| Movement Capability | 25%                                  |
| Joint Dimension     | Min. Width = 10mm, Max. Width = 35mm |
| Sag / Flow          | 0mm, Very Good                       |

**Mechanical / Physical Properties**

|                     |   |
|---------------------|---|
| Tensile Strength    | 1.2N/mm <sup>2</sup> approx (23°C /50% r.h.)                  |
| Shore A Hardness    | 25 after 28 days approx. (23°C / 50% r.h.)                    |
| E-Modulus           | <0.4N/mm <sup>2</sup> approx at 100% elongation after 28 days |
| Elongation at Break | 700% approx (23°C /50% r.h.)                                  |
| Elastic Recovery    | 85% approx (23°C /50% r.h.)                                   |

**Resistance**

Chemical Resistance: Resistant to fresh water, seawater, limewater, sewage effluent, diluted acids, and caustic solutions. Temporarily resistant to fuels, mineral oils, vegetable and animal fats and oils. Not resistant to organic acids, alcohol, concentrated mineral acids, caustic solutions, or solvents. The above information is offered for general guidance only. Advice on specific applications will be given upon request.

**System Information**

Consumption / Joint Design: The joint width must be designed to suit the movement capability of the sealant. In general, the joint width must be >10mm and <35mm with a width to depth ratio of 2:1

**Pack Size**

600ml

**Data Reliability**

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

**Regional Compliance**

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

**Legal Disclaimer**

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.