

## TECHSIL® PU20965 BLACK

Techsil® PU20965 Black is a fast curing, two component polyurethane outdoor sealant. It is available in kit form, cartridges or twinpacks for easy mixing without the entrapment of air.

### Features:

- Two easily miscible components
- Low viscosity
- Rapid gel time
- Rapid demould time
- Tough resistant material

### Typical Properties of Uncured Material

Property	Resin	Hardener
Colour	Black	Straw Colour
Specific Gravity	1.02	1.18
Mix ratio by weight	100	115.5
Mix ratio by volume	100	100

### Typical Cured Properties:

Property	Result
Shore A Hardness	60 – 70
Moulded Density	1.1
Tensile Strength	4.4 N/mm <sup>2</sup>
Elongation	150%
Tear Strength	TBA
Maximum Continuous Operating Temperature	120°C

### Cure Schedule:

Property	Result
Base temperature	23°C
Hardener temperature	23°C
Mould temperature	Ambient
Gel Time	8 minutes
Demould time	4 hours
Full cure	90 hours

Note: the above technical information and data should be considered representative or typical only and should not be used for specific purposes.

### Directions for Use:

Mix the two components thoroughly in the designated ratio.

The product is suitable for mixing using automatic meter mix and dispense equipment.

Twinpack mixing instructions are available upon request.

Cartridges for use with throw away static mixers are available and have proved very successful for some outdoor applications.

### Contact Details

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**Pack sizes:**

- 250gm and 500gm twinpacks
- 400ml side by side cartridges
- Kits in various sizes
- 25kg or 200kg drum

**Storage and Shelf Life:**

12 months in sealed containers.

The rate of cure depends on the bond-gap. A smaller bond-gap results in faster cure speeds.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their particular use.

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