



# Car Specification

## New Build

POLYURETHANES

2024

A photograph showing architectural blueprints, a ruler, and drafting tools like a compass and a pencil. The blueprints are detailed with various measurements and technical drawings.

**The Best Product**

High Performance  
Keep Your Buildings Dry

## PERFORMANCE SPEC

One component, solvent based, Liquid Polyurethane ROOFING SYSTEM

CE Certification & TUV Certification

10 YEARS Warranty & Maintenance free

Temperature span of 5 - 35 °C

Elongation > 600%

Tensile Strength > 4 N/ mm 2

# C A R P A R K I N G S P E C I F I C A T I O N

## TECHNICAL SPEC

### PU 280 Liquid Polyurethane ROOFING SYSTEM

#### Surface Preparation

The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the membrane. Maximum moisture content should not exceed 5%.

Substrate compressive strength should be at least 25MPa, cohesive bond strength at least 1.5MPa.

New concrete structures need to dry for at least 28 days.

- Apply PU 720 Primer in 1 coat of 0,2kg/m2.
- After 3 - 4 hours no later than 18 hours, apply the 1st coat of PU 280 by 0,75kg/m2.
- Apply fabric into first coat of PU 280 ( Full fabric system)
- Next day apply the 2nd coat of PU 280 by 0,75kg/m2.
- Next day apply a 3nd coat of PU 280 by 0,30kg/m2
- Fully saturate 3rd coat of PU 280 with silica sand - 2.5kg/m2
- Next day apply the 1st coat of PU 450 Top Coat by 0.3kg/m2.
- Next day apply the 2st coat of PU 450 Top Coat 0.2kg/m

NEW BUILD



[www.safeguardchem.co.za](http://www.safeguardchem.co.za)



011 7083603



[technical@safeguardchem.co.za](mailto:technical@safeguardchem.co.za)