

CHEM SEALANT-PU 600

HIGH PERFORMANCE MULTI-PURPOSE SILANE MODIFIED JOINT SEALANT

CHEM SEALANT - PU 600 is one component polyurethane joint sealant which cures by reaction with moisture to a soft elastic product. The skin formation and curing times are dependent on humidity and temperature. The curing time also depends on joint depth.

PACKAGING

600ml sausage, 20 sausage wrapped with aluminium foil paper in one box

COLOR

Grey



TECHNICAL INFORMATION

Skin Time	60 minutes approx. ²⁾	(CQP 019-1)
Curing Rate	3 mm/24 h approx. ²⁾	(CQP 049-2)
Movement Capability	25%	(ISO 9047)
Tensile Strength	1.2 N/mm ² approx. ²⁾	(CQP 036-1, ISO 37)
Tear Propagation	7.0 N/mm approx. ²⁾	(CQP 045-1, ISO 34)
Resistance		
Shore A Hardness	35 after 28 days approx. ²⁾	(CQP 023-1, ISO 868)
E-Modulus	0.6 N/mm ² approx at 100% elongation ²⁾ after 28 days	(CQP 555-1, ISO 8339)
Elongation at Break	800% approx. ²⁾	(CQP 036-1, ISO 37)
Elastic Recovery	> 80% ²⁾ after 28 days	(ISO 7389)
Application Temperature	+5 °C to +40 °C	
Service Temperature	-40 °C to +70 °C	



FEATURES

1. Excellent ear-resisting performance.
2. Good softness at low temperature and good adhesion to a variety of materials.
3. Outstanding weather resistance, oil resistance and aging resistance.
4. Good elasticity and recovery ability.
5. Suitable for dynamic joints, deformation joints and expansion joints.
6. High penetration resistant
7. Available in variety of colors
8. For internal and external application

APPLICATIONS

- It is used in sealing joints of civil construction and transportation.
- It is also used in the connection of building materials, such as concrete preformed units.
- Besides, it is used in the connection and sealing joints of advanced roads, bridges, airstrips and underground pipes.
- What's more, it is used in the waterproof and sealing expansion joints and deformation joints of tunnels and buildings.