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TECHNICAL DATA SHEET

PUROK VX67-15

TECHNICAL CHARACTERISTICS

Base	Hybrid methacrylate
Appearance	Clear and various colours(adhesive) Clear (activator)
Viscosity	10,000 - 13,000 - Thixotropic
Mix Ratio: by volume	10:1
Density	1.00 g/cm ³
Working Time	9 - 11 minutes
Fixture Time - Solid Surface MMA	35 - 60 minutes
Fixture Time - Chipboard Core Solid Surface	2 hours
Full Cure	24 hours/ Sandable 45 - 60 minutes
Gap Fill	1mm - 2mm
Shore Hardness (Shore D)	90
Elongation	55 - 65%
Tensile Shear Strength	3.0 - 14.6 MPa
Service Temperature	-40°C to +120°C

PRODUCT

Purok VX67-15 is a two component hybrid toughened structural methacrylate adhesive for bonding a wide range of solid surface materials, Quartz, Granite, natural stone, plastics and composites

APPLICATIONS

- Effective for bonding dissimilar materials e.g. bare metal, painted metal, plastics, glass and ceramics
- Jointing of solid surface materials such as MMA cast resin, Quartz, Granite, natural stone and ceramic

CHARACTERISTICS

- Excellent adhesion
- High durability
- Excellent impact, peel and shear resistance
- Non-sagging and thixotropic
- Snap cure profile
- Gap fill up to 2mm
- Range of colours and UV stable
- Other cure profiles available

PACKAGING

Colour:

White

Packaging:

50ml, 250ml, 490ml, 18kg drum or 180kg drum

SHELF LIFE

9 months in unopened packaging from date of manufacture, in a cool and dry storage place at temperatures between +10°C and +25°C

LAP SHEAR STRENGTH

Substrate

Mild Steel (CRS) - Mild Steel (CRS)
Aluminum / Aluminum
Cast MMA/Cast MMA

Average Shear Strength & Failure Mode

12 MPa - cohesive failure
14.6 MPa - cohesive failure
3.1 MPa - substrate failure

SUBSTRATE

- Ideal for bonding all types of solid surface materials, natural stone, plastics and composites as used for countertop construction.

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APPLICATION

Method: Manual or pneumatic caulking gun, remove resealable cap and pull trigger until both components are extruded, screw on static mixer nozzle, Dispose of first 2cm of mixed adhesive. After application remove nozzle and replace cap. To restart repeat these instructions.

Application temperature: +5°C to +35°C

Repair with: Purok VX67-15

HEALTH AND SAFETY

Always use in well ventilated areas
The mixing of the adhesive and hardner starts a chemical reaction which is exothermic (15mm thickness and greater can generate temperatures of over 120°C)

The variability of materials, substrates and conditions of use is such that no warranty of their functionality for a specific application can be deducted from this information, written recommendation or any other type of suggestion offered. Each user has the responsibility to complete adequate evaluations on the efficacy of the materials offered by Forgeway, of its products, services, recommendations and suggestions for the specific application need, and must accomplish sufficient testing to ascertain that the final product will be safe and sound for the final intent of the end-user.