

Technical Data Sheet

FlexZone

| <u>Properties</u> | <u>Values</u> | <u>Standards</u> |
|--|---------------|----------------------------|
| Material | PVC | |
| Tensile Strength | 9.13Mpa | BS903 : Part A2 |
| Tear Resistance | 34.7kN/m | BS903 : Part A3 : Method C |
| Specific Gravity | 1.43 | BS903 : Part A26 |
| Extension | 365% | BS903 : Part A2 |
| Change in Shore A hardness (10 days at 70°C) | 2% | BS903 : Part A26 |
| Change in tensile strength (10 days at 70°C) | -3.94% | BS903 : Part A2 |
| Change in extension (10 days at 70°C) | -3.84% | BS903 : Part A2 |
| Deflection recovery (1 hr) (14 days at 55°C) | 36.8% | BS7412 : 1991 Appendix H |

Acrylic Anchor

| <u>Properties</u> | <u>Values</u> | <u>Standards</u> |
|------------------------|-----------------------|---------------------|
| Material | Acrylic | |
| Relative Density | 1.48g/cm ³ | Density Balance |
| Vicat Softening Point | 80°C | BS 2782:102B/ISO306 |
| Flexural Modulus | 2800MPa | BS 2782:320A/ISO178 |
| Tensile yield strength | 44MPa | BS 2782:320A/ISO527 |
| Tensile break strength | 43MPa | BS 2782:320A/ISO527 |
| Elongation @ break | 80 mins | BS 2782:320A/ISO527 |
| Heat Stability | 30 mins | Heat Block -200°C |
| Flammibility | V0 1.6 mm | UL94 |

High Performance Tape

| <u>Properties</u> | <u>Values</u> |
|--------------------------------------|--------------------------|
| Material | Acrylic |
| Thickness | 1000 µm |
| Max. Temperature Resistance | 200°C |
| Adhesion to Aluminium, Glass & Steel | 24.0 N/cm (after 3 days) |