TECHNICAL DATASHEET

KIS200 BLACK P.V.C. FOAM – 200KG SECURITY GLAZING TAPE

Technical Data:

P.V.C. FOAM - 200KGS/M³ Fast Recovery
COLOUR: WHITE/ BLACK DENSITY: 200KGS/M3 WIDTH: 1000mm - 1400mm THICKNESS (mm) 2,3,4,5,6,8 ROLL LENGTH: From 40 to 100 Metres according to the thickness.
Properties Unit Value Test Method Density kgs/m3 200 -220
Tensile Strength kpa >279 DIN 53571
Elongation at Break % >125 DIN 53571
Compression Set % <30 DIN 53572 (50% 23 deg C/72 Hrs)
Compression Deflection kpa 0s 25-50 ASTM 1667 60s 10-35
Shore 00 Hardness 25-42
Water absorption % <11
Compression Waterseal >20% U-TEST
Flammability mm/min <100 FMVSS302 >4mm
Temperature Range deg C -30/+80°C

Carrier Acrylic adhesive carrier
Liner 80 gr/m² havanna glassine paper liner
Adhesive Properties It is a modified acrylic copolymer. Free from plasticizers and heavy metals. Meets RoHs specifications.
Film Properties Transparent, elastic

Usage areas

It is recommended for high adhesion performance on painted wood and / or metal surfaces, glass surfaces, textile surfaces, felt, sponge and rubber surfaces. In order to obtain high performance, the bonding surfaces should be protected against moisture, oil, dirt, dust, rust etc. residue.

Technical Specifications		
Thickness (Adhesive + Carrier)	50±2 gr/m² acrylic adhesive	
Heat Resistance	Stable performance between -40°C, +90°C for long term, Short term resistance upto +120°C	
Adhesion Strength (Peel Adhesion 180° (steel) test result)	27.4 N/25mm	AFERA 5001
Shear (25x25mm, 1kg) test result	09h30'	AFERA 5012
Shelf Life	1 Year	
Application Temperature	> +15°C	

APPLICATION TECHNIQUE

Information regarding the product range offered by Kingdom is based upon reports and information which we believe to be reliable although such information does not constitute a warranty or guarantee.

1. Appropriate pressure helps develop better adhesive contact and improves bond strength
2. To obtain optimum adhesion, the bonding surface must be clean, dry and well unified. Some typical cleaning solvents are isopropyl alcohol or heptane.
3. Ideal tape application temperature is 21°C - 38°C (70°F - 100°F). It is not suggested apply the tape at temperatures below 10°C (50°F). However, once properly applied, low temperature holding is generally satisfactory.

Because of the diversity of all the product applications the buyer should carefully consider the suitability and performance of the product for each intended use and the buyer shall be responsible for all associated risks.

The seller is not liable for damages either incidental or consequential.
All specifications are subject to change without prior notice.