



GRANT WESTFIELD  
TRANSFORMING SPACES SINCE 1881

## Grant Westfield Technical Data Sheet

<b>SECTION 1 Product Identification</b>	
<b>1.1 Product Name:</b>	Multipanel High Grab Adhesive & Sealant
<b>1.2 Product Type:</b>	Adhesive
<b>1.3 Product Description:</b>	Multipanel High Grab Adhesive & Sealant is a high quality, neutral, elastic, 1-component adhesive sealant based on SMX-Polymer with a very high initial tack. Multipanel High Grab Adhesive & Sealant is a KOMO-certified construction adhesive based on BRL3107
<b>SECTION 2 Technical Data</b>	
<b>2.1 Basis:</b>	SMX Hybrid Polymer
<b>2.2 Consistency:</b>	Stable paste
<b>2.3 Curing System:</b>	Moisture curing
<b>2.4 Skin Formation *(23°C/50% R.H.):</b>	Ca. 5min
<b>2.5 Curing Speed *(23°C/50% R.H.):</b>	3mm/24h
<b>2.6. Hardness:</b>	65±5 Shore A
<b>2.7 Density:</b>	1.47 g/ml
<b>2.8 Elastic Recovery (ISO7389)**:</b>	>75%
<b>2.9 Maximum Allowed distortion:</b>	±20%
<b>2.10 Max. tension (ISO37)**:</b>	3.20 N/mm <sup>2</sup>
<b>2.11 Elasticity modulus 100% (ISO37)**:</b>	2.30 N/mm <sup>2</sup>
<b>2.12 Elongation at break (ISO37)**:</b>	400%
<b>2.13 Temperature resistance**:</b>	-40°C to 90°C
<b>2.14 Application Temperature:</b>	5°C to 35°C
<b>2.15 Comments:</b>	*These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. **This information relates to fully cured product
<b>SECTION 3 Product Properties</b>	
<ul style="list-style-type: none"><li>• High tack initial tack reducing the need for initial support</li><li>• Fast curing</li><li>• Good extrudability</li><li>• High shear strength after curing and very durable</li><li>• Impervious to mould</li><li>• Odourless</li><li>• Can be painted with water based systems</li><li>• Good weather and UV resistance</li><li>• Does not contain isocyanates or silicones</li><li>• Good adhesive on slightly moist substrates</li></ul>	
<b>SECTION 4 Packaging</b>	
Colour: Various Packaging: Various	
<b>SECTION 5 Shelf Life</b>	
15 months in dry storage place at temperatures between +5°C and +25°C	
<b>SECTION 6 Chemical Resistance</b>	
Good resistance to (salt) wate, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted minerals acids and alkalis. Poor resistance to aromatic solvents, concentrated and chlorinated hydrocarbons.	



## SECTION 7 Health & Safety Recommendations

Observe hygiene precautions.

Consult label and material safety data sheet for more information.

Dangerous. Respect the precautions for use.

## SECTION 8 Additional Comments

- Multipanel High Grab Adhesive & Sealant may be overpainted with water based paints, however due to the large number of paints and varnished available we strongly suggest a compatibility test before application
- The drying time of alkyd resin based paints may increase
- Multipanel High Grab Adhesive & Sealant can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like polycarbonate, etc, may differ between manufacturers, we recommend a preliminary adhesion and compatibility test on every surface
- While producing plastics very often releasing agents, processing aids, and other protective agents (like protection foil) are used, These should be removed prior to bonding. For optimum adhesion the use of Surface Activator is recommended.
- Multipanel High Grab Adhesive & Sealant cannot be used as a glazing sealant
- Not suitable for bonding aquariums.
- Multipanel High Grab Adhesive & Sealant can be used for bonding of natural stone, but it cannot be used as a joint sealant on this type of surface. Multipanel High Grab Adhesive & Sealant can therefore only be used on the bottom of natural stone tiles
- When applying, make sure that the surface of the material is not smudged with sealant
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remains will stimulate the development of fungi
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied
- Multipanel High Grab Adhesive & Sealant has a good UV resistance but can discolour under extreme conditions or after very long UV exposure
- Discolouration due to chemical, high temperature, UV-radiation may occur. A change in colour does not affect the technical properties of the product
- Contact with bitumen, tar or other plasticiser releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion
- Do not use in applications where continuous water immersion is possible.

## SECTION 9 Applications and Application method

### Applications:

- All usual building substrates, treated wood, metals, PVC and plastics
- Sealing and bonding in the building and construction industry
- Elastic binding of panels, profiles, and other pieces on the most common substrates (wood, MDF, chipboard, etc)
- Elastic structural bonding in car and container industry
- Joints in bathrooms and kitchens

### Application method:

- Apply with manual or pneumatic caulking gun

### Cleaning:

- Clean immediately after use

### Finishing:

- With soapy solution before skinning.

### Repair:

- With the same material



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### Revision History

Revision	Date	Author	Approved	Description
1	11/10/2023	J. Curtis	S. Chaudry	New document