

# PHS MS Hybrid Sealant

PHS MS Hybrid Sealant is a high performance, flexible and stable single component adhesive and sealant based on hybrid polymer technology. It is a single part, moisture-cure adhesive/sealant that requires no mixing or activating and provides excellent adhesion properties.

PHS MS Hybrid Sealant is used for general purpose bonding on a wide variety of materials as well as for applications such as sealing of seams and joints in construction (including glass and mirror constructions) and the sealing of interior and exterior expansion and connecting joints.

PHS MS Hybrid Sealant is suitable for following applications:

- Boat / ship building (decks, doors, panels etc.).
- Automotive industry (car body assembly, buses, containers etc.). Window and door frame perimeter joints.
- Vehicle conversion, caravans.
- Construction and building joints including door and concrete joints. Bonding applications in metal constructions and for mounting vibrating parts.
- Good adhesion to many substrates (including PVC, EPDM, glass, wood, stone).



## Advantages

- Multi-purpose adhesive sealant.
- Single component - no need to mix and easy to use.
- Isocyanate, solvent and silicone free.
- Chemically neutral.
- Suitable for bonding glass and mirrors (in accordance with DIN1238).
- Good resistance to tear and weather.
- Elastic compound which accepts movement.
- Excellent resistance to chemicals and seawater.
- Can be over painted when fully cured (in accordance with DIN52452 Part 4).

## Technical Data

Base	Hybrid Polymer
Colour	Black
Consistency	Tixotropic Paste
Specific Gravity (20C)	1.50
Skin Formation Time (20C to 50%RH)	approx. 40 minutes
Cure Rate (20C to 50%RH)	3mm / 24 hours
Temperature Resistance	-40°C to +90°C
Application Resistance	+5°C to +40°C
Compatibility with Paint (after curing)	water based paints-Yes
Coverage (per 300ml cartridge)	15m (5mm beads)
	3m (10mm beads)

Passive House Systems IE  
P31 W950, Ballincollig, Cork, Ireland  
tel. (+353) 021 4872664  
[www.passivehousesystems.ie](http://www.passivehousesystems.ie)

Passive House Systems UK  
CM16 6th, Epping, Essex, UK  
tel. (+44) 0333 880 2347  
[www.passivehousesystems.co.uk](http://www.passivehousesystems.co.uk)

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