



Guangzhou Baiyun Technology Co., Ltd.

Add: No.1 Yun an Road, Guangzhou Civilian Science Technology Park, Taihe, Guangzhou, China
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BAIYUN ®HD108 ANTI-FUNGUS SILICONE SEALANT

FEATURES

- Outstanding anti- mildew property
- Good extrusion and thixotropy between 4°C~+40°C. Easy to use
- Neutral curing, non-corrosive curing system
- No unpleasant odor during cure
- Excellent resistance to weather, UV, ozone, water
- Good adhesion to most common building material
- Good compatibility with other neutral silicone sealants

COMPOSITION

- One-part, neutral-curing
- RTV silicone sealant

APPLICATIONS:

- Waterproof anti-mildew sealing
- Sealing joints of glass, marble, stone, etc. in kitchen, washing room, balcony, etc.
- Sealing joints in high humidity environment

TYPICAL PROPERTIES

Property	Result	Test method
Uncured-As Tested at 23°C (73°F) and 50% RH		
Working time (23°C/73°F, 50% RH)	10-20 minutes	
Tack-free time (23°C/73°F, 50% RH)	20-60 minutes	GB/T 13477
Curing time (23°C/73°F, 50% RH)	7-14 days	
Flow, Sag or Slump	<0.1mm	GB/T 13477
VOC Content	<37g/L	
As Cured-After 21 days at 23°C (73°F) and 50% RH		
Durometer Hardness, Shore A	25-50	GB 16776
Ultimate Tensile Strength	0.85 MPa	GB/T 13477
Ultimate Elongation	160%	GB/T 13477
Joint Movement Capability	±20%	GB/T 14683
Anti-Mildew	0 Class	JC/T 885

Specifications: Typical property data values should not be used as specifications. Assistance with specifications are available by contacting Guangzhou Baiyun Technology CO.,LTD.

SPECIFICATIONS

- JC/T 885 class 20
- ISO 11600 class 20



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- ISO 846

COLORS

Black, gray and white (standard colors)

Other wide variety of colors (customized)

PACKAGING

300 mL cartridge

USABLE LIFE AND STORAGE

12 months from the date of manufacture when stored at or below 27°C (80°F) in the original unopened containers.

LIMITATIONS

This product should not be used, applied or recommended:

- In structural glazing applications or where the sealant is intended as an adhesive
- In areas where abrasion and physical abuse are encountered
- In totally confined spaces as the sealant requires atmospheric moisture for cure
- On frost-laden or damp surfaces
- To building materials that bleed oils, plasticizers or solvents – materials such as impregnated wood, oil-based caulks, green or partially vulcanized rubber gaskets or tapes
- In below-grade applications
- On concrete and cement substrates
- On substrates made of polypropylene, polyethylene and polytetrafluoroethylene
- Where movement capability greater than $\pm 20\%$ is required
- Where painting of the sealant is required, as the paint film may crack and peel
- For structural adhesion on bare metals or surfaces subject to corrosion (i.e., mill aluminum, bare steel, etc.)
- To surfaces in contact with food
- For use underwater or in other applications where the product will be in continuous contact with water

HANDLING AND SAFETY

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM BAIYUN SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING BAIYUN CUSTOMER SERVICE.



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HOW TO USE

Complete design and installation guidelines are contained in the BAIYUN Technical Manual when using this product

HEALTH AND ENVIRONMENT INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheets containing physical, ecological toxicological and other safety-related data.