



Technical Data Sheet

DOWSIL™ 789-P Silicone Hybrid Sealant

A high-quality paintable sealant for pre-cast, facade and curtainwall joints

Features & Benefits

DOWSIL™ 789-P Silicone Hybrid Sealant is a high-quality professional sealant, paintable, based on hybrid technology. The sealant cures when exposed to moisture/humidity and forms a durable elastic rubber.

- Paintable with both water based and synthetic paints
- Universal uses for buildings and glazing, both interior and exterior
- Non-corrosive towards metals
- No shrinkage and bubble free
- Good resistance to UV, moisture, mold and weather
- Painting can be done in 3–7 days after the sealant application

Applications

DOWSIL™ 789-P Silicone Hybrid Sealant is specifically developed for:

- Sealing expansion, connection and perimeter joints
- Sealing pre-cast panel joints

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

| Test | Property | Unit | Result |
|-------------------------|-----------------------------|---------|------------|
| ISO ¹ 1183-1 | Density | g/ml | 1.48 |
| DIN ² 53505 | Shore A hardness | | 23 |
| DIN 53504 S2 | Elongation at break | % | 300 |
| DIN 53504 S2 | Tensile Strength | Mpa | 1 |
| DIN 53504 S2 | 100% Modulus | Mpa | 0.60 |
| CTM ³ | Skin formation | minutes | 10 |
| | Curing time @ 23°C / 50% RH | mm/day | 2–3 |
| | Application temperature | °C | +5 to +40 |
| | Temperature resistance | °C | -40 to +90 |
| | Joint movement | % | +/-25 |
| ISO 7390 | Flow | mm | < 2 |
| | Base | | Hybrid |
| | Physical form | | Paste |

1. ISO: International Standardization Organization
2. DIN: Deutsche Industrie Norm
3. CTM: Corporate Test Method, copies of CTM's are available on request.

Handling Precautions

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

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, consumer.dow.com or consult your local Dow representative.

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