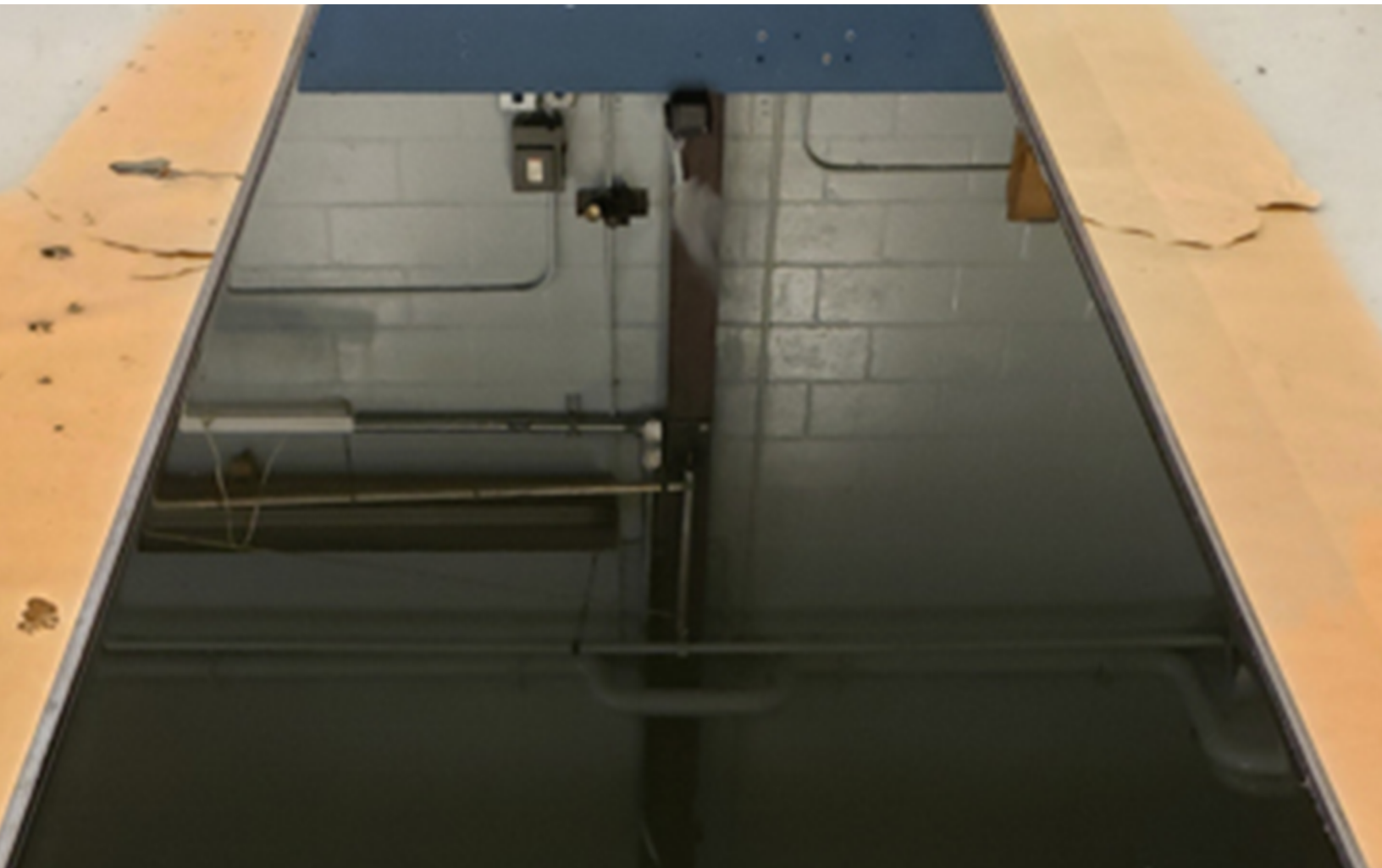


POROUS MEDIA®
AIR BEARING
SOLUTIONS



| EPOXY SURFACES
NEWWAY®
a i r b e a r i n g s

PRODUCT DESCRIPTION:

The Water like Moglice is a low viscosity, self-leveling black epoxy resin with a sliding surface.

TYPICAL APPLICATIONS:

- Air Bearing
- Surface Tables
- Floors
- Guide Surfaces

PROPERTIES:

Shelf Life: 18 Months

PACKING SIZE:

- 50-gram kit
- 100-gram kit
- 250-gram kit
- 500-gram kit
- 1,000-gram kit
- Custom kit size (available per request)

APPLICATION INSTRUCTION:

- **Preparation:**

Roughen adhesion areas down to a roughness of 0,3 - ,05 mm .012" - .020") and then clean chemically (optimum: Devitt cleaner).

- **Mixing:**

The recommended mixing ratio for VP-ST-19_13 (Part A) with VP-ST-19_12 (Part B) is 67:33 by weight. Gentle stirring using a mixer propeller is advised to prevent the formation of air and air bubbles in the mixture. It is suggested to mix the water with Moglice (A and B Part) using a wood spatula in the Lab for 1-3 minutes or until the material is homogeneous. A mixing propeller can be used for 1-3 minutes to achieve the same result. The mixing result should be verified with a spatula, and the material should appear as a low viscosity reflective black liquid, as requested by the customer.

- **Degas:**

Pour the mix in a long, thin, uninterrupted stream into a cartridge, the confined gap, or poured into an open area.



PRECISION EPOXY SURFACES ARE FLEXIBLE, AFFORDABLE, AND POWERFUL SOLUTIONS

TECHNICAL SERVICE:

Devitt Machinery Co. offers within the product application a comprehensive technical service, which ranges from the R&D over application consultancy, product training to the application by trained engineers. Please contact our hotline to get an individual offer.

Field Alignment Services & Training (F.A.S.T.) offers fieldservices to perform applications of products and engineered solutions developed by Devitt Machinery Co. For more examples, please visit www.fieldonsiterebuild.com or contact our hotline to get an individual offer.

SAFETY:

Read the appropriate safety data sheet before using the product and proceed accordingly. For questions, our service technicians are always available.

WARRANTY

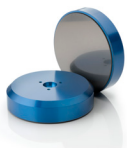
Devitt Machinery Co. guarantees the product characteristics listed here unless the material is stored and applied in accordance with the guidelines. Devitt Machinery Co. is not responsible for the processing and handling of the material.



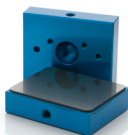
TECHNICAL DATA SHEET

SPECIFICATION	
Pot life 100g 23°C [min]	40-55 Minutes
Curing time (25°C) [Hr]	18-48 Hours
E-Modulus DIN 53457 [N/mm ²]	TBD
Compressive Strength [N/mm ²]	TBD
Hardness [Shore D]	80
Surface Pressure [N/mm ²]	TBD
Adhesion Strength [N/mm ²]	TBD
Bending Strength [N/mm ²]	TBD
Thermal Conductivity [W/mK]	TBD
Coefficient of Thermal Expansion [K ⁻¹]	TBD
Coefficient of Friction	TBD
Temperature Resistance [Permanent -20°C to]	TBD
Temperature Resistance [Temporary -40°C to]	TBD
Viscosity [+20°C] [mPas]	500
Viscosity Part A [mPas]	3600
Viscosity Part B [mPas]	120
Density Part A [g/cm ³]	1,15
Density Part B [g/cm ³]	1,02
Specific Weight [g/cm ³]	1,2 g/cm ³
Mixing Ratio [by weight]	67:33 (grams)

COMPLETE NEW WAY POROUS MEDIA[®] AIR BEARING PRODUCT LINE



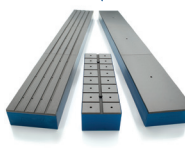
Flat Round
Air Bearings



Flat Rectangular
Air Bearings



Vacuum Preloaded
Air Bearings



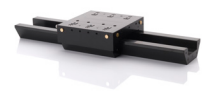
Conveyor
Air Bearings



Radial
Air Bearings



Air Bushings



Air Sliders

NEWWAY