

HumiSeal[®] 2A16 2K Urethane Technical Data Sheet

HumiSeal 2A16 is a room temperature curing, two-part polyurethane system designed to be used for high performance potting and encapsulation applications. This two to one mix ratio product cures at room temperature to a tough flexible polymer.

Properties of HumiSeal[®] 2A16

Typical Properties of Uncured Material

Property	Value
Chemical Class	Isocyanate : Polyol
Color, Parts A : B	Slightly Clear : Slightly Clear
Specific Gravity A	1.13
Specific Gravity B	0.96
Viscosity, Part A @ 25°C, Spn6 @ 10RPM, cps	13,000-22,000
Viscosity, Part B @ 25°C, Spn5 @ 10RPM, cps	6,000 – 10,000
Mix Ratio, PBV	1:2
Cleanup Solvent	Isopropyl alcohol

Typical Properties of Cured Material

Hardness, Shore A, 24 hrs	28
Hardness, Shore A, 7 days	50
Operating Temperature, °C	-50 to 120

Cure Overview

Gel Time @ RT, min, 100g	8-15
Cure Time @ RT, days	7
Cure Time @ 65°C, min	120

Storage

Keep stored between 8°C and 28°C in tightly closed, light-blocking containers away from direct sunlight. Keep from freezing. Please refer to product labeling for shelf-life information. Consult SDS for safe handling recommendations.

Caution

Application of HumiSeal[®] product should be carried out in accordance with local and National Health and Safety regulations. Consult SDS/MSDS for safe handling recommendations prior to use.

Contact HumiSeal®

HumiSeal North America

201 Zeta Drive
Pittsburgh, PA 15238
USA
Tel: +1 412-828-1500
Toll Free (US only): 866-828-5470
sales@humiseal.com

HumiSeal Technical Center

295 University Avenue
Westwood, MA 02090
USA
Tel: +1 781-332-0734
Fax: +1 781-332-0703
techsupport@humiseal.com

HumiSeal Europe

505 Eskdale Road, IQ Winnersh
Berkshire RG41 5TU
UK
Tel: +44 (0)1189 442 333
Fax: +44 (0)1189 335 799
europesales@chasecorp.com

HumiSeal Europe Support

Tel: +44 (0)1189 442 333
Fax: +44 (0)1189 335 799
europetechsupport@chasecorp.com

HumiSeal S.A.R.L

4/6 Avenue Eiffel
78420 Carrieres-Sur-Seine
France
Tel: +33 (0) 1 30 09 86 86
Fax: +33 (0) 1 30 09 86 87
humiseal.sarl@chasecorp.com

HumiSeal Asian Support

Tel: 852-9451-6434
Fax: 852-2413-6289
asiatechsupport@humiseal.com

The information contained here is provided for product selection purposes only and is not to be considered specification or performance data. Under no circumstance will the seller be liable for any loss, damage, expense or incidental or consequential damage of any kind arising in connection with the use or inability to use its product. Specific conditions of sale and Chase's limited warranty are set out in detail in Chase Corporation Terms and Conditions of Sale. Those Terms and Conditions are the only source that contain Chase's limited warranty and other terms and conditions.