

DYNAPOL® UB 1256-06

43.13.850e / 04.17

General description

Thermosetting one pack polyurethane system based on a saturated, low molecular, hydroxylated polyester resin and a blocked polyisocyanate resin on the base of VESTANAT® IPDI.

Stoving enamels based on UB 1256 combine very good flexibility with good surface hardness and very high weathering resistance.

Specification

Property	Value	Unit	Test method
Non volatile content ¹⁾	60 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	2.0 ± 0.5	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 2		DIN EN ISO 4630

Typical data

Acid number (solvent free)	≤ 2	mg KOH/g	DIN EN ISO 2114
Density (20 °C) (solution)	1.06	g/cm ³	DIN EN ISO 1183
Flashpoint	55	°C	DIN EN ISO 13 376

¹⁾ 60 min 110 °C < 2 hPa

Uses

Coil Coating top coats for exterior architecture; particularly useful for the combination with polyamide fine powder (VESTOSINT®) for textured coatings.

Processing Advice

UB 1256 is a self crosslinking system, which normally does not need additional crosslinking resin (stoving parameters e.g. 30 – 40 secs. 230 – 240 °C PMT).

Pigment grinding in usual milling facilities should be done under particular temperature control and without paint catalyst.

Supply Form

60 % in Solvent Naphtha 150 ND / Methoxypropylacetate (MPA) (2 / 1).

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of DYNAPOL® UB 1256-06 is twelve (12) months from the date of delivery when stored in unopened original containers at temperatures below 25°C (77°F).

Safety and Handling

Please refer to our Safety Data Sheet.

Evonik Operations GmbH

Paul-Baumann-Str. 1
45764 Marl
Germany
PHONE +49 2365 49-02
FAX +49 2365 49-5030

www.dynapol.com
www.evonik.com/coatings
E-MAIL dynapol@evonik.com

Replaces leaflet 43.13.850e / 02.14 and all former issues
Marl, April 12, 2017

Evonik Corporation

Resource Efficiency
299 Jefferson Road
Parsippany, NJ 07054-0677, USA
PHONE +1 973 929-8000
FAX +1 973 929-8460

www.dynapol.com
www.evonik.com/coatings
E-MAIL dynapol@evonik.com

Evonik Specialty Chemicals (Shanghai) Co., Ltd.

55 Chundong Road
Xinzhuang Industry Park
Shanghai 201108, P.R. China
PHONE +86 21 6119-1028
FAX +86 21 6119-1254

www.dynapol.com
www.evonik.com/coatings
E-MAIL dynapol@evonik.com

DYNAPOL®/VESTANAT®/VESTOSINT® is a registered trademark of Evonik Industries AG or one of its subsidiaries

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.