



NOVORTIC® 600 series

Urethane Foam system

DESCRIPTION

NOVORTIC-600 A is a two-part closed cell, rigid elastomeric foam system for use as a functional core for a wide variety of applications. The 600 series is not friable and exhibits greater stiffness than typical urethane foams.

PRIMARY APPLICATIONS

Structural cores for sandwich structures
Marine applications where water resistance is needed

FEATURES/BENEFITS

- 100% solids contains / no VOCs hence no emissions
- Non-Flammable DOT non-hazardous material /No special labelling or packaging for shipment
- 1 to 1 system/ Easy to use
- Available in machine and hand mix/pour grades/ Can be tailored for the application
- Closed cell foam / resists moisture
- More rigid than a typical structural foam / improved stiffness of finished structures
- Elastomeric properties / non-friable greater strength of finished structures
- Densities from 2-20lb./ft3 ? can be tailored for the application

TECHNICAL INFORMATION

Liquid Properties

	ISO A	POLY B
Viscosity (LV#3@60 RPM).....	500.....	500
Specific Gravity.....	1.22.....	1.25
Color.....	Light Amber.....	Hazy clear
Odor.....	Slightly Musky...	Slightly sweet

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Mechanical Properties

Property	ASTM Test	Units	Novortic 600 Full density	Novortic 600 12lb. density	Expanded polyethylene 14lb. density
Compressive Strength	D695	psi	8200	343	333
Compressive (Young's) Modulus	D695	psi	195000	8800	4800
Flexural Strength	D790	psi	11400	474	460
Flexural Modulus	D790	psi	365000	19600	
Tensile Strength	D638	Psi	7500	365	
Tensile Modulus	D638	psi	385000	10080	
R value				4.9	2.8
Moisture absorption		%		0.25	0.17

Reactivity

Please note that times can be adjusted for specific applications

Hand pour:

Cream 45 seconds
Rise 45 seconds
Tack free 60 seconds

Machine pour:

Cream 10 seconds
Rise 15 seconds
Tack free 15 seconds

Andara, LLC asks that each user evaluate the performance of the NOVORTIC-600 under conditions that simulate production procedures as nearly as possible to determine suitability for each application. For additional technical information or questions, contact your sales representative.