

# Unity™ Surfacing

A Unity Creations Co. Manufacturing Rubberized Safety Surfacing, Flooring and Paver Products.

## Paints/Coatings

The NEW N-1830 PAINT is a water-based, aliphatic, one-component, polyurethane coating that is designed for industrial molded-parts and play surfaces where UV-stability, chemical resistance, abrasion resistance and flexibility are required. This product is free of solvents and isocyanates and can be roller or spray applied.

As with any product, the use of the N-1830 must be tested to determine the suitability of the product for the specific application. Field trials are strongly recommended prior to a large-scale application.

Type	Water-Based Aliphatic Polyurethane
Appearance	Various Colors
Cure Type	Single-Component

### Typical Properties at 68°F

Specific Gravity	ASTM D891		1.17
Density	ASTM D891	lbs/gal	9.76
Viscosity	ASTM D4889	cP	9,000
<sup>1</sup> VOC-Content	Calculated	g/L	0.20
<sup>2</sup> Taber Abrasion	ASTM D4060	mg	65
<sup>3</sup> Mar Fee	ASTMD5895	Hours	2 - 3

<sup>1</sup>Possible trace quantities from manufacturing processes. <sup>2</sup>3,000 cycles CS-17 Calibrase Wheel – 1,000 gram load. <sup>3</sup>250 micron film (10 mil) 68°F 50% RH

### Application

The recommended application thickness is 4–10 wet mils per coat (100–250 µm). At stated thickness, each gallon will cover ~155–390 sq. ft.

Material consumption will depend on porosity and type of base layer.

Storage of this product at elevated temperatures will lead to a reduced viscosity and should be avoided.

The surface must be clean and dry prior to application. Appropriate results depend on the proper design of the track system. For details on application rates for the different surfaces, please review our system specifications.

Standard Color Choices:



1006 Maize Yellow



1012 Lemon Yellow



2010 Signal Orange



3005 Wine Red



3009 Oxide Red



4005 Blue Lilac



4008 Signal Violet



5003 Sapphire Blue



5010 Gentian Blue



5015 Sky Blue



6002 Leaf Green



6010 Grass Green



7015 Slate Grey



7037 Dusty Grey



7038 Agate Grey



9004 Signal Black

\*Printed color samples and RAL references are for approximation purposes only. Various Colors Available.

\*Additional Costs Associated

**Mfg: 3997 Route 9W (PO Box 9) Saugerties, NY. 12477**  
**Sales/Mktg: 56 Bloomingdale Rd. Hicksville, NY. 11801**  
**T: (1-877) 41-UNITY, F: (845) 246-2700**  
**E-mail: [ProductInfo@surfacingystems.com](mailto:ProductInfo@surfacingystems.com)**  
**Internet : [www.SurfacingSystems.com](http://www.SurfacingSystems.com)**