

## **TECHNICAL DATA**

### **DF-1282**

**100% solids hi-build coating**

#### **DESCRIPTION**

**DF-1282** is a two-part, 100% solids, hi-build epoxy coating designed specifically for Industrial use to resist abrasive and corrosive conditions.

#### **RECOMMENDED USES**

- Industrial and Manufacturing floors
- Food manufacturing plants
- Machine shops
- Warehouses, garages, and loading docks
- Industrial Kitchens
- Hospital and School kitchens
- Service areas at car dealerships
- Any high traffic concrete areas

#### **FEATURES**

- 100% solid epoxy resins
- No toxic solvent fumes
- Provides long lasting hi-build film
- Excellent chemical resistance
- U.S.D.A. accepted
- Easy to clean
- Lift truck traffic within 12 hours

#### **Technical Data**

##### **Properties of Part A & Part B**

	<b><u>PART A</u></b>	<b><u>PART B</u></b>
Color	Pigmented	Amber
Mix Ratio	2 Parts	1 Part
Percent Solids	100%	100%
Shelf Life	2 years	2 years

To the best of our knowledge the technical data contained herein is true and accurate as of the date of the issuance of said technical data, but is subject to change without prior notice. The user must contact Dynafloor Systems, Inc to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied.

### **Properties of Mixed DF-1282**

Gel Time	12-15 minutes
Initial Set	4 hours
Final Set	8 hours
Full Cure	36 hours

- **NOTE: All cure times are at 75 degrees F.**

### **Properties of cured DF-1282**

Tensile Strength	7,500 psi
Compressive Strength	13,000-15,000 psi
Shore D Hardness	85-90
Percent Elongation	5-8 %

### **Chemical Resistance after 7 days of Full Cure- Splash & Spill**

Citric Acid 10%	Excellent
Cotton Seed Oil	Excellent
Cyclo Hexanone	Excellent
Ethylene Glycol	Excellent
Formaldehyde 37%	Excellent
Hydrogen Peroxide	Excellent
Lactic Acid	Excellent
Lard	Excellent
Linseed Oil	Excellent
Phosphoric Acid	Excellent
Saturated Sodium Chloride	Excellent
Saturated Sodium Sulfide	Excellent
Sea Water	Excellent
Sodium Hydroxide	Excellent
Sulphuric Acid 20%*	Excellent
Zinc Hydrosulfide	Excellent

\* Color may change but film is intact