



**SAVE
DOWNTIME
AND
MONEY**

With

DURALINE®

**HEAVY DUTY INDUSTRIAL
FLOOR MATERIALS**

DURALINE®

HEAVY DUTY

DURALINE "FAST REPAIR" INDUSTRIAL FLOOR PATCH/RENEWER KITS:



Duraline has formulated an industrial floor patch kit that combines our proven high strength and abrasion resistant "Cementitious" floor repair material **HD-100-IF** with a **Quick Cure** additive that will allow forklift traffic in 8 hours, (6000 PSI compressive strength in 18 hours; 10,000 PSI compressive strength in 7 days) instead of 28 days, and epoxy coating in 24 hours.

*The standard size kit includes ten (10) 50 Lb. bags of **HD-100-IF** and one (1) gal of our bonding and **Quick Cure** additive.*

- **HD-100-IF Quick Cure Kit**
for patch thicknesses from 1" thick and thicker
- **HD-100-IF Thin-Quick Cure Kit**
for patch thicknesses 1/4" to 1" thick



**Recommended for
Trash Incineration,
Recycling and
Metals Plants.**



INDUSTRIAL FLOOR M

HD-100-IF

If you are looking for a heavy duty Industrial floor, **HD-100 IF** is the right material for the job. Not just a floor topping or coating, the wear resistance goes all the way through the **HD-100 IF** floor structure.

HD-100 IF is highly recommend for new floor structures as well as re-surfacing worn and damaged industrial floors.

CHARACTERISTICS OF HD-100-IF

- Abrasion and Wear Resistant
- Temperature Resistant
- High Early Strength
- Non Shrinking
- Dimensionally Stable

Recommended for:

- Mining Operations,
- Metals Plants
- Trash Incineration and Recycling Plants.

This material was used by a Metal Producer in molten metals area to replace a damaged floor with great success. They now run heavy equipment carrying hot metal over their **DURALINE HD-100-IF** floor area.

STANDARD HD-100-IF

Average Compressive Strength
ASTM C-109

Cure Time	Compressive Strength
24 Hours	4700 PSI
7 Days	6000 PSI
28 Days	8000 PSI



QUICK CURE AND EARLY STRENGTH ADDITIVE

For those applications where cure time is critical **DURALINE** offers a mix additive that dramatically speeds up cure time and enhances bonding and adds significant early strength.

HD-100-IF with Quick Cure

Average Compressive Strength
ASTM C-109

Cure Time	Compressive PSI
6 Hours	2059 PSI
12 Hours	3945 PSI
18 Hours	6108 PSI
24 Hours	6225 PSI
7 Days	10264 PSI
28 Days	10762 PSI

CHARACTERISTICS OF HD-100-IF WITH QUICK CURE (AT 70°F)

- Can allow foot traffic in 2 hours
- Can allow forklift traffic in 8 hours (or less)
- Increases bond strength
- 6,000 PSI compressive strength in 18 hours instead of days
- Can epoxy coat in 24 hours

FORKLIFT
TRAFFIC IN
8 HOURS



HD-200-IF

For extreme special abrasion and corrosion duty, **DURALINE** also offers a Premier Severe Duty EPOXY POLYMER FLOOR CONCRETE named **HD-200-IF**.

This material is extremely abrasion and corrosion resistant and is aimed at the most challenging applications.

CHARACTERISTICS OF HD-200-IF

- Resistant to a wide range of oil, solvents and acids through a range of zero to 14 PH
- Max service temp. of 150°F
- Low porosity

PROPERTIES OF HD-200-IF

- Working time at 70°F - 30 mins.
- Initial set time at 70°F - 8 hrs.
- Compressive strength at 7 days - 10,500 PSI

DURALINE HD-200-IF HEAVY DUTY INDUSTRIAL FLOOR-EPOXY POLYMER CONCRETE

Standard Kit
1.3 cu. ft. unit,
185 lb./unit

Large Kit
2.7 cu. ft. unit,
369 lb./unit



DURALINE HD-200-IFP PRIMER KIT

Standard Kit, 1 gal. unit

Large Kit, 3 gal. unit

HD-201-SL

DURALINE offers a superior corrosion-resistant, self leveling, epoxy monolithic floor protection system for concrete industrial and commercial floor applications.

The system works with **DP-501** Primer and **D-200** Expansion joint material to provide a high quality surface.

CHARACTERISTICS OF HD-201-SL

- Resistant to a wide range of acids, alkalis and some solvents.
- Recommended for the Power Industry, Food and Beverage and Chemical Processing.
- 100% solids.

PROPERTIES OF HD-201-SL

- Working time at 70°F – 45 mins.
Initial set time at 70°F – 12 hrs.
- Bond strength - concrete failure



DURALINE®

HEAVY DUTY INDUSTRIAL FLOOR MATERIALS

HD-230-IF

ARCTIC FAST CURE FLOOR REPAIR

FAST SET AND COLD TEMPERATURE

EPOXY CONCRETE MONOLITHIC FLOOR REPAIR SYSTEM

CHARACTERISTICS OF HD-230-IF

- Excellent resistance to acids and by-products
- Easily cleaned
- Available in Gray and Tile Red

PROPERTIES OF HD-230-IF

- Working time at 70°F – 15 minutes
 - Initial set time at 70°F – 25 to 40 minutes
 - Drive over cure Time at 70°F – 60 minutes
 - Compressive strength
 - 24 Hours at 35°F – 5,500 PSI
 - 7 Days at 70°F – 14,500 PSI
 - Density – 140 PCF
- Bond Strength – To Concrete Failure



DURALINE HD-230-IF HEAVY DUTY INDUSTRIAL ARCTIC FAST CURE FLOOR REPAIR

Standard Kit Coverage:
40 Ft² per unit at 1/4" thick

DURALINE HD-230-IF PRIMER KIT

Standard Kit
1 gal. unit



DURALINE®

OTHER PRODUCTS

DURALINE Z-100 HEAVY DUTY WEAR LINING

Steel Drum , 650 Lbs.
Skid Quantity, 52-50 lb. Multi Layer
Bags (Material equal to 4 traditional
steel drums. 2,600 lb. total)



APPLICATIONS

- Sumps
- Coal and Minerals Conveying and Processing Equipment
- Cyclones
- Baghouses
- Feeders
- Crushers
- Lined Dust Collecting Systems
- Flumes
- Lined Pipe Systems
- Screens, Bed Pans
- Stacks
- Chutes
- Hoppers
- Silos



DURALINE DURACLAD CERAMIC BEADED EPOXY WEAR SYSTEM

APPLICATIONS

- Easy to use 1-to-1 mixing ratio
- New "All-in-One" packaging supplies clean mixing vessel
- Low odor formula
- No VOC's or solvents
- Non-sagging
- Ideal for repairs . . . superior adhesion
- Ceramic beads are pre-mixed in both parts . . . nothing else to add!

DURACLAD C-300
Ceramic Beaded Epoxy Coating

DURACLAD C-301-FS
Fast Setting Ceramic Beaded Epoxy Coating (Sample Size Kit)

DURACLAD C-301-FS
Fast Setting Ceramic Beaded Epoxy Lining

DURACLAD C-400
High Performance Ceramic Beaded Epoxy Lining

DURACLAD C-500
High Temperature Ceramic Beaded Epoxy Lining



Standard Packaging:
2 Gallon Kit, 26 lb.

DURALINE DURACLAD ECS TILE ADHESIVES AND SPECIALIZED PRODUCTS

DURACLAD C-307
Tile Adhesive

DURACLAD C-307-FS
Fast Setting Tile Adhesive

DURACLAD C-507-HT
High Temperature Tile Adhesive

DURACLAD C-304-FS
Fast Setting Steel Putty

DURACLAD C-1325
Brushable Ceramic Coating



Packaging:
2 One Gallon Cans,
21 lb. Kit

FOR OVER 45 YEARS DURALINE® HAS MEANT SUPERIOR QUALITY ABRASION SOLUTIONS

DURALINE®

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PRODUCT WARRANTY – DURALINE® LLC warrants its products to be free from manufacturing defects at the time of shipment. User shall determine the suitability of the product for intended application before using. Responsibility remains with the user for proper application of each product. DURALINE® LLC responsibility shall be limited to replacement of nonconforming products found to be defective.