



## DESCRIPTION

CANADIAN STANDARD FOR ALL INSTALLATIONS OF PLAYGROUNDS

## WHERE TO USE ADHL-POLYBINDER

Some common applications include:

- Playgrounds
- Driveways
- Garage Floors
- Walkways
- Pool Decks
- Golf Paths
- Hot Tub Areas
- Gym Floors
- Daycares
- Arenas
- And Many More

## SURFACE PREPARATION

### FIRST STEP SURFACE PREPARATION :

ADHL-POLYBINDER should be applied over clean, sound, dust-free surfaces. For best results, surface should be prepared as follows.

#### Existing Epoxy Floor:

Make sure the floor is clean and free from oil or grease. The floor must be sanded with 80-100 grits to provide profile for adhesion. Ensure that the existing floor is sound and adhered well to the concrete. Epoxy coating would not adhere to alkyd or oil based coated floors.

#### Concrete (New):

Shotblast or equivalent to remove surface laitance, curing compounds or form oils. Concrete should be minimum 28 days old or have 3% or less moisture content. Moisture content can be determined using the test method ASTM D4263.

#### Concrete (Old):

Remove oil, grease, dirt and any unsound concrete using a combination of commercial de-greasers, alkaline wash, shot blasting or diamond grinding. A combination of acid- etching and power wash can also be used. Cracks and surface defects should be repaired prior to the application of the coating.

#### Steel:

Remove greases, oils and contaminants from surfaces and sandblast to white metals.

## CRACK REPAIR

Because of the nature of the product, all floor imperfections will show through the final coating, which makes it critical to have an almost perfect floor prior to the application of the clear topcoat.

If the level of crack repair and imperfections is excessive, we do not recommend using clear epoxy. If the cracks are minimal, use BENEFITS FLOORING APPLICATION ADHL-FILL-CRACK Type 3 clear epoxy gel. Grind the surface after the gel is firmly cured to smooth it for the application of RUBBER CRETE RUBBER TROWELED SYSTEM.

## **PRIMING**

PRIME the surface using a ratio of 70% of our ADHL-POLYBINDER and 30% of our ADHL-BINDERSOLVENT and prime the concrete surface about 18 inches in length at a time. The primer must remain wet on wet application while applying the rubber troweled coating.

## **APPLICATION**

The mixing equipment used to mix the rubber granule mix is a planetary mixer and must be clean and free of any contaminants that may be present in the equipment from previously used products.

- The ratio for the SBR rubber granules is 20Liters of SBR rubber for 1.2Liters of ADHL-SBRBINDER.
- For EPDM rubber granules the ratio is 12Liters of EPDM rubber for 1.4 Liters of ADHL-POLYBINDER.

Mix components in planetary mixer at low speed component to ensure uniformity. Pour the mix on the primed area and start to trowel the system at the desired thickness, using our ADHL-BINDERSOLVENT to remove any excess on the trowels.

## **TOP COAT POSSIBILITIES**

You have the option to leave the system open like it is to become a breathable system or you can close the system with our ADHL-POLY83 polyaspartic 1:1 ratio by roller applying a thin coat installed at 6-8 mils thickness. Outdoor sealers are also an option for maintenance.

Allow to cure thoroughly, before exposing to foot or light duty traffic, this can take up to 3 days to cure. Spray a light mist of water over top of the system will help it cure faster and have a faster return to service.

## **COVERAGE**

Based on 12 mils thickness per coat: 3.25 m<sup>2</sup> /litre (120 ft<sup>2</sup> /U.S. gallon).

## **PACKAGING**

ADHL-POLYBINDER 18.92 litre (5 U.S. gal.) units

ADHL-SBRBINDER 18.92 litre (5 U.S. gal.) units

ADHL-BINDERSOLVENT 18.92 litre (5 U.S. gal.) units

SBR rubber granules :50LBS BAGS

EPDM rubber granules: 50lbs BAGS

### **CLEAN UP**

Clean all tools and equipment with xylene prior to the material setting.

### **SAFETY PRECAUTIONS**

Consult the Material Safety Data Sheet (MSDS) for specific instructions.

### **STORAGE**

Store in a heated warehouse. Do not freeze.

### **SHELF LIFE**

Two years from the date of manufacture if kept in the original unopened containers under normal heated warehouse conditions.

### **WARRANTY**

The recommendations made and the information here in is the result of accurate laboratory and field tests under controlled conditions. We guarantee that the quality and properties of the materials supplied conform to our standards. Adhesiveslab Products, makes no warranties, expressed or implied, as uses and applications are beyond our control. Adhesiveslab Products. shall not be liable for any injury, loss, or damage (direct or consequential) arising from use or inability to use the products. Before using, the user is urged to pre-test the products in his/her own environment to determine the suitability of the products for their intended use, and the user assumes all risk and liability whatsoever in connection therewith.

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