



# Custom Linings® Poly Epoxy 21

## 100% Solids Polyamine Epoxy

### Flooring Aggregate Bonding

#### DESCRIPTION

Custom Linings® Polyamine Epoxy 21 is a two component, 100% solids, liquid applied, Polyamine Epoxy material with unique penetrating characteristics making for an ideal primer and bonding agent for granular quartz/granite flooring systems.

#### FEATURES

Seamless application      100% Solids  
Solvent Free                Low Viscosity  
Excellent Adhesion        Low Odor

#### TYPICAL USES

Concrete Primer            Creating Thick Flooring  
Plywood Primer            Slurry/Trowable Filler

#### COLOR

Part A: Blue Part B: Yellow

#### PACKAGING

3 gallon kit or 15 gallon kit

#### MIXING

The volume mixing ratio is 2 parts A/Blue to 1 part B/Yellow.

Product 21 parts A and B should be mixed separately prior to mixing together. The combined components should then be mixed with a drill and attachment for 2-4 minutes to ensure uniform and homogeneous blended material.

#### APPLICATION

Product 21 should be applied at a rate of 1 gallon of mixed material per 50-100 square feet when used as a flooring aggregate binder/flooring primer. 21 should be spread with a squeegee and backrolled prior to aggregate application.

When used as a filler material in concrete voids or wood voids, mix with sand, granite crystals or recycled and washed tire granules to create desired consistency for filler application.

Allow Product 21 to become tack free before applying any coatings over product 21.

Recommend surface temperature should be greater than 50F and 10 degrees above dewpoint.

Product 21 is very sensitive to heat and moisture. Higher temperatures and humidity will significantly accelerate cure time and pot life of material.

Low temperature and/or low humidity will extend cure time.

#### TECHNICAL DATA

Coverage Rate.....1 gallon per 50-100 square feet  
Dry film thickness per coat ..... 15-30 mils  
Hardness ..... 70 shore D  
Viscosity at 80°F (24°C), Brookfield  
Part-A and Part B combined ..... 600 ± 50 cps  
Mix Ratio, by volume ..... 2A:1B  
Pot Life, 75°F @ 50% R.H. .... 20-30 minutes  
Total solids by weight/volume ..... 100%  
Volatile Organic Compounds ..... 0%

#### EQUIPMENT CLEANUP

Equipment should be cleaned immediately with an approved environmentally safe solvent or allowed to dry prior to disposing of in accordance with local laws.

#### STORAGE

Product 21 has a shelf life of 1 year from date of manufacture

#### LIMITATIONS

Not UV Stable

Surfaces must be dry, clean and free of foreign matter prior to application

Containers must be used in a timely manner after opened

Product 21 is hard to clean up after it is cured

Do not dilute Product 21

Mix no more than enough material that can be used in 20 minutes

#### WARNING

This product contains epoxy resin and curative materials.