

polyurethane adhesive

DESCRIPTION

EP 96 Plus is a two-component polyurethane adhesive for high performance indoor or outdoor installations of all rubber or PVC floor coverings. Good resistance to humidity heat and water. Outstanding adhesion at low temperatures.

USE

For the installation of:

Sheet goods:

rubber
homogeneous vinyl
mineral backed vinyl

Tile:

rubber
vinyl composition,
luxury vinyl tile

GUIDELINES AND RECOMMENDATIONS

- Surfaces shall be smooth, sound, dry, well fastened, clean and free from dust, oil, grease, paint, tar, wax or any deleterious substances which may prevent or reduce adhesion. Refer to flooring manufacturer's installation instructions for detailed information.
- Concrete floors must be completely cured and permanently dry. It is essential that all concrete slabs be tested for moisture using either the ASTM F1869 Anhydrous Calcium Chloride test or the ASTM F2170 Relative humidity in situ test. If moisture vapour emission exceeds 5 lbs. per 1000 SF in 24 hours per ASTM F1869 or relative humidity exceeds 80% per ASTM F2170, do not use this adhesive.
- Do not apply over gypsum based surfaces.
- Do not use when substrate temperature is below 10° C or above 30° C.
- Use this adhesive for horizontal surfaces only.

TECHNICAL DATA:

COVERAGE

Rubber: 3 - 4 SY per litre
Vinyl: 4 - 6 SY per litre

PACKAGING

7.6 litre pail 36 lbs

SHELF-LIFE

2 years in unopened container

PROTECT FROM FREEZING

VOC

38.0g / litre (mixture)
Complies with SCAQMD Rule 1168

SETTING TIME

Pot Life: 60 minutes at 22° C at 55% ambient humidity.
Initial Set: 1 hour at 22° C at 55% ambient humidity.
Ready for traffic in 24 hours and for heavier traffic in 3 days.

MIXING

Pour all of part B into the pail containing part A while slowly mixing with a low speed drill mixer until a homogeneous and smooth consistency is obtained. Never mix on top of the flooring material. The chemical setting process accelerates when left in the container so it is essential that the adhesive is spread immediately after it is mixed. You then have one to two hours, depending on temperature, to lay flooring into the adhesives (less time in a very hot area).

APPLICATION

1. Use the flooring manufacturer's recommended notched trowel size, usually 1/16" x 1/16" x 1/32" for rubber or 1/32" x 1/32" x 1/32" for vinyl. The recommended notched trowel is important, but it is only a guide. The absorption of the subfloor needs to be taken into account: the less absorbent the surface, the smaller the notch. Too much adhesive will cause tiles to move during installation or air pockets to gather beneath the sheet material.
2. Spread adhesive evenly. Do not spread more adhesive than can be covered in 30 minutes.
3. The instant grab of this adhesive is low, so it is sometimes required to apply weights to maintain contact until setting.
4. For best results, leave adhesive to flash for 15 minutes depending on site conditions.
5. Roll floor covering across width and length with a 70 kg (150 lb) roller to break down adhesive ridges and to remove any trapped air. Wait 1-2 hours and repeat rolling to ensure backing is in contact with adhesive and that all trapped air is removed.
6. Do not walk over a newly laid installation before 24 hours. For heavy traffic, do not use before 72 hours.

CLEANING

Adhesive can be removed with mineral spirits when before set. This adhesive is very difficult to remove once set.

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We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was, or reasonably should have been, discovered.

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