



RenFlex 20 is a primer bicomponent, with resin blend for use in a variety of substrates. RenFlex 20 can be diluted to reduce viscosity. Avoid staining when applying the product. It is a primer that can be used with all fast curing polyurea coatings and spray paint systems. Ecological product, high solids, without volatile organic compounds (zero VOC) that does not have an odor.

TECHNICAL CHARACTERISTICS

TYPE

Modified urethane primer, bicomponent.

USAGE

It is designed for use as a primer in both external and internal situations. When used in conjunction with RenFlex polyurea products, it reduces the incidence of pin-holes. Can be applied by gun, squeegee, roller or brush. Increases the adhesion of the applied paint on the concrete. Reduces moisture vapor emission from concrete.

TECHNICAL INFORMATION

VOLUME SOLIDS	100%	According to ISO3233
VOC	No VOC	
MIXING RATIO		Volume
	Comp. A	1,0
	Comp. B	1,0
POT-LIFE (25°C)	45 min (Without visible viscosity increase)	
ADHESION TO CONCRETE	300-600 psi	
MOISTURE VAPOR EMISSION (MVE)		Applicable to floor applications only
	Concrete MVE	10,6 - 10,9 lb/1000ft ² per 24 hours.
	Concrete, Humidity	> 87%
RECOAT WINDOW (25°C)	Up to 72 Hours	
GEL TIME - TACK-FREE	45 min - 2 hours	

SURFACE PREPARATION

Concrete

Concrete should be cured at least 30 days and be clean, dry, structurally sound and free of wax, dirt, loose coating, curing compounds, and petrochemicals. Random cracks, damaged control joints, and construction joints should be properly repaired prior to application. Air blast or vacuum out the remaining concrete dust prior to installing RenFlex 20. All horizontal or vertical concrete or masonry surfaces should be abrasive blasted. Please review the Material Processing & handling information for further details.

Recommended finishes A variety of Polyureia products, please consult our technical department

SHELF LIFE 12 months.

UM NUMBER 1263
HAZARD NUMBER 33

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l, viscosity and drying values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones
3. Low temperatures increase curing time. For temperatures below 10 ° C, consult our technical department.
4. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
5. The mixing ratio is from one part of component A to one part of component B. RenFlex 20 can be mixed in a 1: 1: 1 ratio with acetone to reduce viscosity and increase shelf life. The proportions should be measured carefully; The mixing should be performed using a wooden stick or mechanical stirrer for one minute, scraping the bottom and sides of the container. Incomplete homogenization will generate incomplete system cure. As the reaction rate is very rapid, we recommend that manageable quantities of product be mixed in order to obtain complete shelf-life.



SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
2. **Storage:** keep the product in sheltered, well-ventilated areas. Maximum temperature: 18 - 35°C. Must not be directly exposed to the sun.
3. **Flammable:** flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
4. **Inhalation:** Avoid breathing vapors, keeping proper ventilation during application and drying. .
5. **Handling:** wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.

HEALTH HAZARDS

1. **Skin contact:** wash affected area thoroughly with neutral soap.
2. **Clothing contact:** remove clothing and wash it.
3. **Leakage:** Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. **Fire:** protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. **Eyes contact:** flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
