



RenFlex LS-75 is a self-leveling, 100% solids, flexible, two-component, rapid curing polyurea elastomer ambient temperature cured spray material.

TECHNICAL CHARACTERISTICS

TYPE

Pure aromatic polyurea cure at ambient temperature.

USAGE

Used as a low pressure spray coating with ambient cure on all attachable surfaces. It can be used in kitchens, mechanical rooms and food processing industries. This system is ideal for applications where traditional hot spray polyurea systems are not recommended or there are safety limitations

TECHNICAL INFORMATION

COLOR	According to standard catalog	
VOLUME SOLIDS	100%	
VOC	No VOC	
MIXING RATIO		Volume
	Comp. A	1,0
	Comp. B	1,0
SHORE D HARDNESS	≥75	According ASTM D2240
TENSILE STRENGTH, psi	600 - 1200	According ASTM D638
TENSILE ELONGATION (%)	240 - 450	According ASTM D638
MODULUS OF ELASTICITY (psi)	400 - 900	According ASTM D638
TEAR STRENGTH	16,9 - 28,2 (N/m)	According ASTM D624
TABER ABRASION, mg wt loss	375 - 500	According ASTM D4060
GEL TIME	1 min	According ASTM D1640
TACK-FREE	6 min	According ASTM D1640
OPEN TO LIGHT FOOT TRAFFIC	1 hour	

MIXING Use 1:1 ratio pump with or without heater as required for individual application. Low pressure spray head must be used for ambient cure spray applications.

SHELF LIFE 12 months.

UN 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. This product should not be used in presence of extreme pHs (very high or low).
4. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
5. If the recoating interval is exceeded, proceed with light sanding. For temperatures above that established, the overcoating interval will be reduced.



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).
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