

LTX133 is a latex which is mixed into TSA ST or TSA ECO+, undiluted or diluted 1:1 with water, to improve adhesion strength and flexibility of the adhesive.



## On Dilution with Water 1:1

- TSA ST + LTX 133 C2TES2 (EN12004: 2007)
- TSA ECO+ + LTX 133 C2TES1 (EN12004: 2007)

## RECOMMENDATIONS

TSA ST or TSA ECO+ mixed with LTX133 must never be used for:

- Installing marble or natural stone subject to efflorescence or staining from moisture;
- Installing on metal, rubber, PVC, and linoleum surfaces
- At temperatures lower than +5°C or higher than +45°C
- In dry, hot climates, the open time of and adhesive made by mixing LTX133 into TSA ST or TSA PR is shorter. A skin may form on the surface, which must then be removed and fresh adhesive applied

## MIXING RATIO

### In Summers:

Adhesive: LTX133 – 100:25 (pbw)

### In Winters:

Adhesive: LTX133 – 100:28 (pbw)

## RECOMMENDED SURFACES

- Concrete
- Cement mortar beds
- Ceramic tile and stones
- Cement backer board
- Concrete masonry
- Cement plaster
- Brick masonry
- Cement terrazzo
- Plywood

## PACK SIZE

10 KG

## SHELF LIFE

1 YEAR

## TECHNICAL DATA

• Open Time	> 30 Minutes
• Pot Life	> 4 Hours
• Time to Traffic	24 Hours

### Tensile Adhesion Strength according to EN 1348 (N/mm<sup>2</sup>)

• Dry Condition after 28 days	> 2 N/mm <sup>2</sup>
• After Heating	> 1.5 N/mm <sup>2</sup>
• After Water Immersion	> 1 N/mm <sup>2</sup>
• After Freeze Thaw Cycles	> 1 N/mm <sup>2</sup>

## INSTRUCTIONS

### SURFACE PREPARATION

- All substrates must be flat, mechanically strong, free from loose parts, grease, oil, paint, wax, etc.

### MIXING RATIO

- The mixing ratio is determined by the degree of deformability required of the adhesive; use LTX133 with TSA ST when a highly deformable adhesive (class S2 according to EN 12004) is required, e.g. for substrates subject to strong size variations such as concrete structures with less than 6 months curing, for large size tiles or slabs, and for those subject to considerable sudden temperature changes.
- LTX133 diluted 1:1 with water with TSA Eco+ may be used when a deformable adhesive is required (class S1 according to EN 12004), for example on moderately unstable substrates, cured concrete substrates, etc.

### APPLICATION METHOD

- Please refer to the TDS of respective adhesive with which LTX-133 is to be mixed.

### INSTALLING THE TILES

Follow the recommendations shown in the technical data sheet of the adhesive with which LTX133 is mixed. However, greater attention should be paid to the open time which, in the equivalent relative temperature and humidity conditions, will be slightly shorter than the open time of the basic product.

### READY FOR USE

Surfaces are ready for use after approximately 14 days. Basins and swimming pools can be filled after 4 weeks.

# INSTRUCTIONS

## STORAGE AND HANDLING

May be harmful if swallowed. May cause skin, eye and respiratory irritation. Do not inhale.

Avoid prolong exposure to powder. Use in a well ventilated area. Do not ingest.

Keep out of the reach of the children.

Do not freeze or store above 40°C. Do not mix with other chemicals.

## EMERGENCY/FIRST AID

- Ingestion: Do not induce vomiting. Call a physician.
- Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.
- Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Wash clothes before wearing again.
- Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.



RachTR Chemicals Pvt.. Ltd  
D-10, 2nd Floor, DDA LSC Naraina Vihar, New Delhi -110028  
Tel. +91-7827191824, +91-11-40392557  
Web: [www.rachtr.com](http://www.rachtr.com) - Email: [marketing@rachtr.com](mailto:marketing@rachtr.com)  
Manufactured in INDIA

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