

Technical Data & Instruction Sheet

COMPLIANCES

TSA PR+ LTX 133: C2ES2
(EN12004: 2007)

TSA ST+ LTX 133(diluted with water
in 1:1): C2ES1 (EN12004: 2007)

RECOMMENDED SURFACES

Substrate/Bases

Concrete
Cement mortar beds
Ceramic tile and stones
Gypsum wallboard*
Cement backer board**
Concrete masonry
Cement plaster
Brick masonry
Cement terrazzo

* Interior only.

** Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use

MIXING RATIO

1pbw(1water+ 1 LTX 133) to 6 pbw adhesive

AVAILABLE SIZE

4 Kg

SHELF LIFE

2 years

TECHNICAL INFORMATION

Open Time: 20-30 minutes

Pot Life: 6 hours

Time to Heavy Traffic: 24 hours

Tensile Adhesion Strength according to EN 1348 (N/mm²)

Initial after 28 days > 1N/mm²

After Heating > 1N/mm²

After Water Immersion >1N/mm²

After Freeze Thaw Cycles >1N/mm²

PRODUCT DESCRIPTION: LTX133 is a type of latex mixed into TSA ST or TSA PR, undiluted or diluted 1:1 with water

RECOMMENDATIONS

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

Installing stone slabs subject to moisture movement;

Installing marble or natural stone subject to efflorescence or staining from moisture;

Installing tiles in reservoirs, swimming pool or refrigeration rooms that need to be put into service quickly

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

INSTALLATION

Surface Preparation:

All substrates receiving TSA ST + TSA PR 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 as a complete substitute for water 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 or for those subject to considerable sudden temperature changes

LTX133 diluted 1:1 with water 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

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

SET TO LIGHT FOOT TRAFFIC

Floors are set to light foot traffic after 24-36 hours

READY FOR USE

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

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