

# K2 JAYLASTIC T

## Two Part Polyurethane Based Heavy Duty Stone & Tile Adhesive

### Description:

K2 JAYLASTIC T is a two part polyurethane based solvent and water free tile adhesives which are flexible, waterproof, high adhesion and chemical and mechanical resistance laying with no vertical slip on rigid and non-absorbent substrates.

### Area of Application:

K2 JAYLASTIC T can be used for indoor and outdoor, bonding of wall and floor ceramic tiles, porcelain tiles, marble, stone material and mosaics of all types on:

- Concrete, screeds, renders, asphalt, wood, metal, PVC, reinforced polyester.
- Asbestos-cement sheet,
- Gypsum – plaster, board, panels, putty.
- Absorbent and non-absorbent substrates.
- Rigid substrates.

### Benefits:

- Ultra High Strength and adhesion.
- Water proof & flexible.
- No vertical slip.
- Suitable for laying porcelain tiles, ceramic tiles and natural stone.
- Good resistance to acids and ageing.
- Long mixture pot life - easy and fast to apply.
- Perfect adhesion to all surfaces used in building;
- Hardens by chemical reaction without shrinkage (until it becomes highly resistant).
- High deformability.
- Highly Thixotropy: it can be applied vertically without slump and without letting even heavy or large tiles slip.

### Technical Properties:

Properties	Results
Appearance	Part – A (Base) – White thick paste Part – B (Hardener) – Fluid liquid
Consistency of mix	Very viscous
Pot life	60 Minutes
Open time	60 Minutes
Adjustment time	60 Minutes
Setting Time	Initial – 8 hour Final – 12 hour
Foot Traffic- Normal	24 Hours
Ready to use	7- Days
Temperature range for application	From +15 °C to +40 °C
Adhesion to concrete after 7 days	3.5 N/mm <sup>2</sup>
Resistance to ageing	Good
Resistance to solvents and oils	Good
Resistance to acids and alkalis	Good
Deformability	Highly deformable
Resistance to temperature	From -40 °C to +100 °C
Tensile Adhesion - Dry Condition	2.2 N/mm <sup>2</sup>

### Classification in compliance with ISO 13007 -1& conforming to is 15477:

- K2 JAYLASTIC T is improved Reaction Resin adhesive (R2) with slip resistant (T) classified as R2T.
- It is conforming to IS 15477 -Type -5 with Slip resistance (T).

## Application Instruction:

### SURFACE PREPARATION

Substrates must be compact and consistent, free from dust, rust, oil and grease, free from any moisture rising, with no loose and flaky debris or imperfectly anchored parts. The substrate must be stable, non-deformable, without cracks and have already completed the curing period of a hygrometric shrinkage. Uneven areas must be corrected with suitable smoothing and finishing products. Rust on iron surfaces must be removed by sandblasting. It is recommended to reinforce gypsum, gypsum board and unhydrate substrates with a coat of K2 JAPOXY PRIMER.

### MIXING PROCESS

Pour the part B (hardener) into part A (Base) and mix well until a uniform white paste is obtained. It is advisable to use a low speed electric stirrer to ensure perfect mixing and avoid overheating the mix, which would reduce the working time. Use the mix within 60 minutes of mixing.

### APPLICATION PROCESS

- Apply to the substrate a uniform layer of K2 JAYLASTIC T with a notched trowel.
- For exterior installations, the tile backs must be completely covered with the adhesive. When both waterproofing and bonding are required.
- For wooden surface, spread K2 JAYLASTIC T on the substrate with a flat trowel to a thickness of at least 2 mm; then rework the surface with a notched trowel so as to line it all over, but without reducing the thickness to less than 1 mm. This thickness must be maintained even after the tiles have been installed.

### CLEANING

- Tools and mixers should be cleaned with K2 SOFT CLEAN immediately after use.

## Precautions:

- Do not use on very damp surfaces or where there is a risk of rising damp.
- The packs are pre-measured, therefore mixing errors are impossible. Do not use partial quantities. A wrong mixing ratio could cause damage during the curing process.
- Use the products in temperatures between +15°C to +40°C.
- In case of use on surfaces subject to continuous immersion in water, consult the K2 Technical Services Department beforehand.

## Coverage:

K2 JAYLASTIC T has a coverage of 32 to 35sqft at 2mm thickness for 10kg Pack.

## Packing:

- K2 JAYLASTIC T is available in Below Packs.
- 4 Kg Pack Contains Base (PART A) 3.760Kg & a Hardener (PART B) 240gm.
- 10 kg Pack contains with 3 different Parts of 3.13kg of Base (PART A) Pack and 200gm of 3 different Parts of a Hardener (PART B).

## Shelf Life and Storage:

K2 JAYLASTIC T has a shelf life of 12 months in unopened packs, if kept in a dry store. And protect from direct sunlight. Part B (hardener) must be stored in a warm place to avoid crystallization during cold weather (at least at +10°C). Should crystallization occur, re-dissolve by warming before use. Stir the product before use.

## Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

## Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.

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