

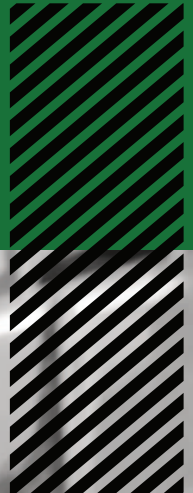


 **FIXCERA**



# TILE ADHESIVES

—  
TECHNICAL DATA SHEET





CONSISTENTLY OUTSTANDING

## FIXCERA CURVE

Extremely flexible tile adhesive for fixing large format tiles and stones in interior and exterior areas over floors and walls. Ideal for use in wet and submerged areas. Ideal for all types of tiles and suitable over various types of substrates.

### FEATURES AT A GLANCE

- Extremely flexible, S2 classification
- Necessary for tiles/ stones larger than 1200mm x 1200mm
- Excellent sag resistance
- Unsurpassed bonding strength
- Highly shock resistant
- Highly water resistant
- Ideal for use as an all purpose adhesive
- Complies with EN C2TES2 classification
- Complies with IS 15477:2019 - Type 4TS2 standard
- Complies with ANSI A118.4TE specifications
- Available in sturdy 20kg bags

## TECHNICAL DATA SHEET



*EXTREMELY FLEXIBLE LARGE FORMAT TILE ADHESIVE*

### COMPLIANCE AND FEATURES



RECYCLABLE



EXTREMELY FLEXIBLE



WATER RESISTANT

### RECOMMENDATION

Best suited for installation of large format/ thin format tiles and stones in interior and exterior areas over floors and walls. Also ideal for use in high rise buildings/ wet areas and exposed areas.

CONSISTENTLY OUTSTANDING

Tile Adhesives | Tile Joints | Waterproofing | Admixtures

www.fixcera.com  
support@fixcera.com



CONSISTENTLY OUTSTANDING

## TECHNICAL DATA SHEET

### ECO FRIENDLINESS

This product can be recycled as an inert mineral substance once cured

This product contains negligible Volatile Organic Compounds (VOCs)

This product when used instead of the traditional thick-bed method reduces material transportation and total cement consumption, thus significantly reducing harmful CO<sub>2</sub> emissions



### PACKAGING

- 20kg bags

### COVERAGE

- 5 - 5.5 m<sup>2</sup>/ 20kg bag

### COLORS

- Grey and White

### MIXING RATIO

- Approx. 6.0L/ 20kg bag

### BEST SUITED SUBSTRATES

- Concrete
- Concrete masonry
- Cement-based screeds
- Cement plaster
- Cement terrazzo
- Brick masonry
- Waterproofing products
- Existing tiles of all types
- Various drywalls (consult manufacturer's data)

CONSISTENTLY OUTSTANDING

Tile Adhesives | Tile Joints | Waterproofing | Admixtures

[www.fixcera.com](http://www.fixcera.com)  
[support@fixcera.com](mailto:support@fixcera.com)

**TECHNICAL DATA**

<b>PARAMETER</b>	<b>VALUE</b>	<b>REFERENCE STANDARD</b>
<b>Shelf Life</b>	12 months from manufacturing	
<b>Packaging</b>	20kg bag	
<b>Colors</b>	Grey and White	
<b>Coverage/mm Thickness</b>	1.3kg/m <sup>2</sup>	
<b>Pot Life at 25°C</b>	Approx. 4 hours	
<b>Water Demand</b>	6.0L/ 20kg bag	
<b>Foot Traffic at 25°C</b>	24 hours	
<b>Open Time</b>	30 minutes	IS 15477:2019 Annex C (Clause 5.3)
<b>Adjustment Time</b>	35 minutes	IS 15477:2019 Annex D (Clause 5.4)
<b>Slip</b>	0.1 - 0.2 mm	IS 15477:2019 Annex E (Clause 5.5)
<b>Open Time Tensile Adhesion (30 minutes at 28 days)</b>	140 - 170 psi	ANSI A118.4 Clause 5.3
<b>Shear Strength at 28 days (Porcelain Mosaic Tile)</b>	435 - 480 psi	ANSI A118.4 Clause 7.2.5
<b>Durability: Tensile Adhesion After Water Immersion</b>	1.90 - 2.10 N/mm <sup>2</sup>	EN 1348 Clause 8.3
<b>Durability: Tensile Adhesion After Heat Aging</b>	1.50 - 1.70 N/mm <sup>2</sup>	EN 1348 Clause 8.4
<b>Durability: Tensile Adhesion After Freeze-Thaw</b>	1.90 - 2.10 N/mm <sup>2</sup>	EN 1348 Clause 8.5
<b>Transverse Deformation</b>	5.00 - 5.20 mm	ISO 13007-2 Clause 4.5

## INSTRUCTIONS FOR USE

### SUBSTRATE PREPARATION

- All suitable substrates must be stable in accordance with IS 1443
- All suitable substrates must be completely cured, rigid, and leveled within a variation of no more than 3mm in 3m
- All suitable substrate must be free from debonding/ demolding agents
- All suitable substrates must be free from any damp risings
- All suitable substrates must be free of all dirt, grease, sealers, fiber mesh or any loose particles
- Dampen absorbent cement-based surfaces and sweep off excess water

### ADHESIVE MORTAR PREPARATION

- Pour clean potable water into a mixing bucket
- Add FixCera Tile Adhesive to the water
- Use about 6.0L of water per 20kg bag of Adhesive
- Mix well using a low-speed paddle drill mixer
- Allow the mixture to rest for 5 minutes
- Mix again and use

## INSTRUCTIONS FOR USE

### APPLICATION OF THE MORTAR

- Use the straight edge of a trowel to apply a thin coat of the adhesive onto the substrate
- Comb additional mortar on the surface using a notched trowel held at an angle of 45 from the leveled surface
- Place and then press the tile firmly into place with a slight twisting motion
- Back-buttering is necessary for all large format tiles
- Periodically check tiles for complete wetting by the adhesive mortar
- If the adhesive mortar has 'skinned' and results in incomplete wetting of the tile surface, discard the adhesive and replace it with fresh mortar
- Create elastic expansion joints as per requirement
- For highly absorbent natural stones, use an appropriate FixCera Sealer prior to installation
- Remove any surplus adhesive from the tile while adhesive is still fresh

### STORAGE

- Store the adhesive powder in a cool and dry place
- Keep away from sunlight



## INSTRUCTIONS FOR USE

### GROUTING

- Grouting should be commenced after at least 24-48 hours of curing time

## HEALTH PRECAUTIONS

- This product is limited to professional use only
- This product contains Portland Cement and Silica
- Wear suitable protective clothing, gloves and eye/ face protection
- Avoid contact with eyes and prolonged contact with skin
- Kindly refer to the Safety Data Sheet for further information.

SAM/FIXCERA/TA/CURVE/TDS - REV 00 - 10/21

#### Disclaimer

The information and any recommendation, technical or otherwise, contained within this document are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purpose. In no event shall Samrat Coatings and Adhesives Pvt Ltd assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. Samrat Coatings and Adhesives Pvt Ltd expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchant-ability and/ or fitness for a particular purpose (even if Samrat Coatings and Adhesives is aware of such purpose) with respect to any information and recommendations provided. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Samrat Coatings and Adhesives Pvt Ltd reserves the right to make any changes to the information and/ or recommendations at any time, without prior or subsequent notice.