



TECHNICAL DATA SHEET

ECOFLEX 1515

ECO FLEX-1515 C2TES1



DESCRIPTION

ECOFLEX-1515 C2TES1 is a powerful, flexible, and resinous tile adhesive formulated from high-purity quarry aggregates and advanced European-grade polymer additives. Designed for superior bonding, it offers:

- Strong initial and final adhesion
- High flexibility (S1) and deformation resistance
- Excellent performance in moisture-rich and thermally fluctuating environments (e.g., pools, basements, terraces)
- Zero vertical slip (T)
- Extended open time (E)
- Great workability and ease of application

Certified as C2TES1 according to EN 12004 and EN 12002 standards.

Fields of Application:

Ideal for installing:

- Ceramic tiles, natural stones, granite, marbles, decorative stones
- Absorbent and non-absorbent tiles
- Floors and walls (interior and exterior)
- Application thickness: up to 15 mm

FIELDS OF APPLICATION

- For bonding of materials such as tiles, ceramics, porcelain ceramics, natural stones on cement-based surfaces such as concrete, plaster, screed in indoor and outdoor applications, horizontal and vertical applications
- For bonding of materials such as tiles, ceramics, porcelain ceramics, natural stones on insulation in wet places such as bathrooms, balconies, kitchens

- In bonding processes in swimming pool, Turkish bath, water tank, bathroom, industrial floor, cold storage
- Used for ceramic adhesion processes on ceramics on renovation and repair works in exterior facades of buildings.
- Used in places with heavy pedestrian and load traffic.

ADVANTAGES

- Only mixed with water.
- Saves time and labor with its long working time.
- Does not slip in vertical applications.
- Provides quick and easy application.
- Has high adhesion strength.
- Flexible, not affected by vibrations.
- Resistant to freeze-thaw cycle.
- Does not shrink.
- Adapts to ground stresses arising from temperature differences and is not affected from that.

TECHNICAL DATA

Structure of Material Special Cement, Mineral Filler, Polymer Additive

Density	1,75 kg/lt
Color	Gray, white
Bond Strength	28 days $\geq 1,0 \text{ N/mm}^2$
Flexibility	$\geq 2,5 \text{ mm S1}$ flexible
Application Thickness	3-8 mm
Application Surface Temperature	+5°C / +35°C
Service Temperature	-40°C / +80°C
Initial Curing Time	3-5 minutes
Working Time	2 hours
Open waiting time	30 minutes
Slippage (mm)	None
Wettability Min %	90
Grouting Application	24 hours later
Time of Walkable on it	24 hours later
Fire Reaction Class	A1

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time.

Mixing Instructions:

- Mix 25 kg of ECOFLEX-1515 with 7.5 liters of clean water ($\pm 0.25 \text{ L}$)
 - Stir using a slow-speed mixer until smooth and lump-free
 - Let rest for 5–7 minutes, then remix without adding water
- Pot Life: 3–4 hours (varies with temperature) Mix occasionally during use.
Do not add water after initial mixing

WARNING

Contains cement : may cause irritation to eyes, skin, and respiratory system. Refer to the safety data sheet before use.

STORAGE

Store in a cool, dry area. Do not stack more than 10 bags on top of each other.

PACKAGING: 20 kg | 40 Kg (Grey & White)

TECHNICAL SUPPORT

Manufactured By Industrial 9-Warehouse, Behind Shirawi Enterprise, Ras Al Khor Industrial Area 2, Dubai, UAE

India Facility: 1025/1/A, Babla Compound, Gaibi Nagar, Kalyan Road, Bhiwandi, Maharashtra – 421302

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