

TECHNICAL SHEET	CEMENT ADHESIVE	 EN 12004-1: 2017	Designation according to the standard C1TE
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Revision: 04.01-28/01/25

Adimar Professional

The **Adimar Professional** adhesive for ceramic tiles manufactured by **AYMAR S.A.U.** is a cementitious adhesive with reduced slippage of the C1TE type according to the EN 12004:2017 standard, designed with marble aggregates, cement and special additives that give it adhesion, sliding and water retention properties ideal for the installation of ceramic pieces.

Composition

Composed of **crushed marble aggregates** used in construction, **Portland cement** and both organic and inorganic **additives** that give it better characteristics in adhesion and sliding.

Field of application

The Adimar Professional has ideal characteristics for the installation of ceramic pieces with a medium-high degree of absorption (> 5%) in interior and exterior floor and wall tiles. On conventional cement-based supports or plasterboard.

Suitable for swimming pools, shower trays, cold rooms.

Instructions for use

- **Preparation of the support:** the support on which the application is to be carried out must be resistant, dry, level, free of dust and free of traces of release agent.
- **Preparation of the mixture:** add 7-7.5 l of water per bag and mix manually or mechanically, with a low-speed electric whisk, to eliminate any possible lumps in the paste, let the mixture rest for 5 minutes and make a brief kneading.
- **Application of the paste:** apply the product on the substrate using a toothed trowel, to regularize the thickness, in a maximum area of 2 m², applying enough pressure so that the minimum contact with the cement is 80%. Place the tiles by pressing them until the grooves are flattened and the piece is properly solidized with the help of a rubber mallet. It is necessary to check, with your fingertips, periodically that the adhesive has not formed a film on its surface, if this happens, the product must be combed again, taking into account that we are still in the margin of the open time of the product (if the time period since its application has exceeded the aforementioned open time, the adhesive must be removed and reapplied).

Recommendations for use

- Respect the kneading water.
- The application temperature must be between 5 °C and 35 °C on the substrate.
- Do not apply on substrates with residual humidity > 5%.
- Check the planimetry of the support with a 2 m ruler, verifying that the deviations must be less than 5 mm. In the event of higher deviations, they must be regularized before installation.

- It is advisable to leave a minimum of 2 mm of joints between tiles by applying **UNIVERSAL JOINT 0/15** or **TECHNICAL JOINT 0/16**.
- On very absorbent substrates, it is advisable to moisten it and wait until it is dry.
- Double gluing on pieces larger than 900 cm² or on outdoor floors.
- With white body tiles, use **ADIMAR WHITE PORCELAIN**, **ADIMAR FLEXIBLE** or **ADIMAR SUPERFLEX**.
- In applications in swimming pools, it can be filled after 7 days from its application.
- It is recommended to use the **ADIPOXI JOINT 0/10** antacid gasket for grouting tiles in swimming pools.
- For exterior cladding, use **ADIMAR WHITE PORCELAIN**, **ADIMAR FLEXIBLE** or **ADIMAR SUPERFLEX**.

Technical data

Product	Type	C1TE		Classification according to the standard EN 12004-1:2017
	Color	White/Grey		
Application	Kneading water	32%		
	Maturation Time	5'		
	Open Time	20'	EN 12004-2:2017	
	Adjustment Time	40'		
	Slip	< 0,5 mm	EN 12004-2:2017	
	Grouting at the	24h		
	Walkable to	24h (Light traffic)		
Final yields	Initial adhesion	>0,5N/mm ²	EN 12004-2:2017	
	Adhesion after immersion in water	>0,5N/mm ²		
	Adhesion after heat aging	>0,5 N/mm ²		
	Adhesion after freeze-thaw cycles	>0,5 N/mm ²		
	Open Time Adhesion, 20'	>0,5 N/mm ²		
Storage	12 months	Store with the container closed and in a covered, dry and ventilated place		
Presentation	25 kg bags			
HS Code	38245090			

MADE IN SPAIN

For safety precautions in the use, storage and disposal of the product, please refer to the Safety Data Sheet available on the website www.aymarsa.es

NOTE: The information contained in this technical sheet is based on our experience and tests carried out in specialized laboratories. The characteristics of the resulting product will depend on the correct preparation and application on site by the user. If these conditions are not met, the characteristics indicated above will not be achieved.



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