

TECHNICAL SHEET	ADHESIVE CEMENT	 EN 12004-1: 2017 C2TE	COLLES A CARRELAGE  C2 E <a href="https://evaluation.cstb.fr">https://evaluation.cstb.fr</a>
-----------------	-----------------	--	---

Revision: 04-29/09/2023

# Adimar Porcelain

The PORCELAIN ADIMAR ceramic tile glue manufactured by AYMAR S.A.U. is an improved cement glue of reduced sliding and prolonged open time of the type C2TE in accordance with the standard 1-EN 12004: 2017, designed with marble granulates, cement and special additives that give it properties of grip, low sliding and retention of water suitable pieces for grease.

## Composition

Composed of crushed marble aggregates used in construction (EN 12620 and EN 13139), portland cement (EN 197-1 and UNE 80601) and both organic and inorganic additives give it better characteristics in terms of adhesion and sliding.

## Application field

PORCELAIN ADIMMAR has ideal characteristics for the placement of porcelain stoneware and low absorption pieces, walls, interior floors, on traditional mortar plaster support, concrete, large brick, plaster, plaster plates, anhydrite, waterproof support, etc... Suitable for applications where the product is subjected to humidity and permanent frosts, even suitable for permanent immersion, for example swimming pools. Suitable for heavy traffic.

## Mode of use


- ª **Preparation of the support:** the support on which the application must be made must be resistant, dry, levelled, dust-free and not have leftovers.
- ª **Preparation of the forward:** add 7.8 to 8.2 l of water per bag and mix manually or mechanically, with a low revolution electric blender, to eliminate any possible presence of lumps in the mass, let the mixture rest for 5 min and make a new quick shoulder.
- ª **Application of the paste:** Apply the product on the support using a toothed palette to regulate the thickness on an extension of maximum 2 m<sup>2</sup> achieving sufficient pressure so that the minimum contact with the cement is 80%. Place the ceramic pieces by exerting pressure until the grooves are crushed and the piece solidifies correctly with the help of a rubber mesh. It is necessary to check regularly, with the tips of the fingers, that the adhesive does not cause the formation of a film on its surface, if this succeeds, it will be necessary to paint the product again because we are still in an acceptable waste margin (if we exceed the open time range since its application, it will be necessary to remove the adhesive and reapply the adhesive).

## Recommendations for use

- In very absorbent supports, it is advisable to humidify, then . Wait for them to be dry.
- Recommended maximum thickness 10 mm
- In application on ceramic dallage, it is recommended to remove the badly placed pieces, then perform a superficial punching and a double takeoff. Always perform a double takeoff for large pieces (.l1200cm<sup>2</sup>) or of a certain weight and on supports with radiant heating, which must be turned off 24 hours before its application. it is advisable to leave a minimum joint of 2 mm between tiles by applying ADIMAR UNIVERSAL JOINT or ADIMAR TECHNICAL JOINT 0/16
- In deformable media (cardboard-slice) it is preferable to verify the rigidity of the compartment and that the residual humidity is < 3%. If the support is weak,It applies a superficial hardening treatment by means of a print layer.

- It does not apply to dead plasters that have received a thin layer of endenduit.
- The refrigeration chambers must be turned off until the adhesive hardening is completed for a minimum of 7 days depending on the environmental conditions.
- In case of use in a pool, it can be filled again seven days after application.
- For facades, use ADIMAR FLEXIBLE or ADIMAR SUPERFLEX.

**TECHNICAL DATA**

Product	Type	C2TE	
	Color	White/Gray	
Aplication	Hiding water	32%	
	Mixture ratio	7,8-8,2 l by 25Kg bag	
	Time to rest	5'	
	Open Time	30'	EN 12004-2:2017
	Practical application time	2h	
	Snap time	20'	
	Slide	< 0,5 mm	EN 12004-2:2017
	Attached to	12h	
	Time put in normal conditions	24h	
Final Performances	Initial adhesion	>1,0N/mm <sup>2</sup>	EN 12004-2:2017
	Adherence after immersion in water	>1,0 N/mm <sup>2</sup>	
	Adherence after heat aging	>1,0 N/mm <sup>2</sup>	
	Adherence after ice and melting cycles	>1,0 N/mm <sup>2</sup>	
	Adherence after open time, 20'	>0,5 N/mm <sup>2</sup>	
	Adherence after open time, 30'	>0,5 N/mm <sup>2</sup>	
Emissions of volatile organic compounds (COV)			Class A+ according to the limits established in Décret No. 2011-321 of France. The scale spans A+ (Small Emissions in C (Every Emissions).
	<p>Class EC1 PLUS according to emission limits of the classification EMICODE. The scale covers EC1 PLUS (the emission limits stricter) to EC2 (low emissions).</p>		
Storage	12 monthss	Keep the packaging closed in a covered, dry and ventilated place	
Presentation	25 kg bags		

Classification according to the norm EN 12004-1 :2017

To know the security precautions related to the use, storage and elimination of the product, see the list of security data available on the website: [www.aymarsa.es](http://www.aymarsa.es)

NOTE The information contained in the current technical file is based on our experience and specialized laboratory tests. The characteristics of the resulting product will depend on the correct preparation and application in works by the user. If these conditions are not met, we will not be able to achieve the results indicated above.



**Factory and Offices**

Ctra. C-35, Km 58 · Ap. correus nº1  
08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00  
Fax (+34) 93 867 02 87

aymar@aymarsa.es  
[www.aymarsa.es](http://www.aymarsa.es)



ER-1277/2010



SST-0006/2018



SGM-001/2009



GA-20110/0655  
Mina "XAUXA"



REG. NO. ES-CAT-000345  
Mina "XAUXA"



EN 12620 EN 1504-2  
EN 13139 EN 1504-3  
EN 998-1 EN 1504-6  
EN 998-2 EN 12004  
EN 206-1 EN 13888  
EN 13813 EN 14891