

DECLARATION OF PERFORMANCE

Date of issue: 01/07/2018

Replaces: No. 1121 - CPR - GB5001 - 2013/1 of: 01/07/2013

No. 0749-CPR-13/0382 - 2018/1

1	Unique identification of the product-type: Cafco MANDOLITE®-CP2																					
2	Type and batch numbers: as given on each bag of Cafco MANDOLITE®-CP2																					
3	<p>Intended uses as given in the ETA 13/0382:</p> <p>3.1 - Cafco MANDOLITE®-CP2 is a fire protective product and its intended use is to protect building elements against fire or to be used in building assemblies as specified hereafter:</p> <p>Type 1: Horizontal membrane protection, incl. suspended ceilings acc. to EN 13964, Type 2: Vertical membrane protection, Type 3: Load-bearing concrete elements, Type 4: Load-bearing steel elements, Type 5: Load-bearing flat concrete profiled sheet composite elements, Type 6: Load-bearing concrete filled hollow steel columns, Type 7: Load-bearing timber elements, Type 8: Fire separating assemblies with no load-bearing requirements, Type 9: Technical services assemblies in buildings, Type 10: Fire protective uses not covered by types 1-9.</p> <p>3.2 - Cafco MANDOLITE®-CP2 is a fire protective product with the following intended uses:</p> <ul style="list-style-type: none"> - internal conditions excluding temperatures below 0°C, with humidity classes other than Z1. (EAD 350140-00-1106 type Z2), - internal conditions excluding temperatures below 0°C, with high humidity (EAD 350140-00-1106 type Z1), - internal and semi-exposed conditions. Semi-exposed includes temperatures below 0°C, but no exposure to rain and limited exposure to UV (but the effects of UV exposure are not assessed.) (EAD 350140-00-1106 type Y), 																					
4	<p>Name and contact address of the manufacturer:</p> <p style="text-align: center;">Etex Building Performance Bormstraat 24 B-2850 Tisselt Belgium Plant: 22, 24 www.promat-international.com</p>																					
5	Authorised representative: not applicable.																					
6	System or systems of Assessment and Verification of Constancy of Performance (AVCP): see table under section 9.																					
7	The construction product is not covered by a harmonised standard (hEN).																					
8	<p>The declaration of performance concerns a construction product for which a European Technical Assessment has been issued.</p> <p style="text-align: center;">For the fire protective product Cafco MANDOLITE®-CP2, an ETA has been issued by UBAtc, Belgium with N° ETA 13/0382 This ETA has been issued according to EAD 350140-00-1106</p> <p style="text-align: center;">Factory 24: Notified product certification body: No. 0749 Certificate of Constancy of Performance: 0749-CPR-BC1-240-66-13/0382-24 Factory 22: Notified product certification body: No. 1121 Certificate of Conformity: 1121-CPR-GB5001</p>																					
9	<p>Declared performance</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">Essential characteristics</th> <th style="width: 15%;">AVCP systems</th> <th style="width: 30%;">Performance</th> <th style="width: 20%;">Harmonised technical specification</th> </tr> </thead> <tbody> <tr> <td colspan="4">BR1: Mechanical resistance and stability: not applicable.</td> </tr> <tr> <td colspan="4">BR2: Safety in the case of fire:</td> </tr> <tr> <td>Reaction to fire:</td> <td style="text-align: center;">1</td> <td>A1.</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">EAD 350140-00-1106</td> </tr> <tr> <td>Resistance to fire:</td> <td style="text-align: center;">1</td> <td>This characteristic depends on the tested assembly The performance of the product in each of the tested assemblies is demonstrated and provided by the manufacturer in accordance with the intended use sub 3.1 of this DoP.</td> </tr> </tbody> </table>			Essential characteristics	AVCP systems	Performance	Harmonised technical specification	BR1: Mechanical resistance and stability: not applicable.				BR2: Safety in the case of fire:				Reaction to fire:	1	A1.	EAD 350140-00-1106	Resistance to fire:	1	This characteristic depends on the tested assembly The performance of the product in each of the tested assemblies is demonstrated and provided by the manufacturer in accordance with the intended use sub 3.1 of this DoP.
Essential characteristics	AVCP systems	Performance	Harmonised technical specification																			
BR1: Mechanical resistance and stability: not applicable.																						
BR2: Safety in the case of fire:																						
Reaction to fire:	1	A1.	EAD 350140-00-1106																			
Resistance to fire:	1	This characteristic depends on the tested assembly The performance of the product in each of the tested assemblies is demonstrated and provided by the manufacturer in accordance with the intended use sub 3.1 of this DoP.																				

		The classes of performance are established and declared in accordance with the applicable part of EN 13501.	
BR3: Hygiene, health and the environment:			
Release of dangerous substances:	-	Declaration (filed with the Technical Assessment Body).	EAD 350140-00-1106
BR4: Safety and accessibility in use:			
Adhesion:	1	≥ 15520 N/m ² (1).	EAD 350140-00-1106
BR5: Protection against noise:			
Sound absorption performance:	-	NPD (No Performance Determined).	EAD 350140-00-1106
Sound insulation and impact sound insulation	-	NPD (No Performance Determined).	
BR6: Energy economy and heat retention:			
Thermal conductivity:	-	NPD (No Performance Determined).	EAD 350140-00-1106
Water vapour permeability (transmission coefficient):	-	NPD (No Performance Determined).	
Durability:			
Resistance to deterioration caused by heat and rain	-	NPD (No Performance Determined).	EAD 350140-00-1106
Resistance to deterioration caused by high humidity:	1	Passed (resistent).	
Resistance to deterioration caused by heat and cold:	1	Passed (resistent).	
Resistance to deterioration caused by freezing and thawing:	1	Passed (resistent).	
Basic durability assessment:		The product performances confirm a working life of at least 25 years for the intended use Y, Z1, Z2 as described under point 3.	
(1) Cohesion failure.			

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

The reader of this document is invited to visit the website "www.promat-ce.eu" to review the latest version of this DoP.

The Safety Data Sheet (SDS) of Cafco MANDOLITE®-CP2 is available on request.

Signed for and on behalf of the manufacturer by:

Name: C. Janssens
Function: Manager Standards & Regulations

Tisselt, 01/07/2018.

Signature: