

VALIDATION REPORT No. 382378

this document is based on test report No. 301984
issued by Istituto Giordano

Customer

AZICHEM S.r.l.

Via Giovanni Gentile, 16/A - 46044 GOITO (MN) - Italy

Item*

coating system used as a type "C" encapsulation coating called
"ELASTOCAP-ABC"

Activity



verification of asbestos-fibre encapsulation as indicated
in Annex 2 to Draft Interdepartmental Decree dated
25/01/1999, legislative extension of Act No. 257 dated
27/03/1992, in compliance with the provisions of Health
Ministry Decree dated 20/08/1999 published in the
Official Journal No. 249 dated 22/10/1999

Results

SUITABLE

(*) according to that stated by the customer.

Bellaria-Igea Marina - Italy, 29 April 2021

Chief Executive Officer

Order:
88319

Identification of item received:
2012/0586 dated 27 March 2012

Activity date:
from 14 May 2012 to 10 October 2012

Activity site:
Istituto Giordano S.p.A. - Blocco 4 - Via San Mauro,
8 - 47814 Bellaria-Igea Marina (RN) - Italy

Contents	Page
Description of item*	2
Description of specimens	2
Results	2
Findings	2

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The results relate only to the item examined, as received, and are valid only in the conditions in which the activity was carried out.

This document extends the validity of all numerical and descriptive data contained in the reference test report.

This document is the English translation of the validation report No. 382378 issued in Italian; in case of dispute the only valid version is the Italian one.

Date of translation: 9 September 2021.

The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

Chief Test Technicians:

Dott. Oscar Filippini

Head of Chemical Laboratory:

Dott. Oscar Filippini

Compiler: Agostino Vasini

Reviewer: Dott. Oscar Filippini

Page 1 of 2

Description of item*

The item under consideration consists of a coating system for use as TYPE “C” encapsulation coating (concealed to assist enclosure operations) for asbestos cement sheets applied to substrates of new fibre-cement slates, thickness of between 4 mm and 10 mm, complying with standard UNI EN 492:1995.

Description of specimens

In accordance with Customer instructions (UNI 10686:1998 clauses 7 and 8 and Health Ministry Decree dated 20/08/1999 clause 5), test laboratory staff arranged to apply the item to the specimens, comprising fibre-cement slates, in the following manner:

- FINISH: application of a coat of ELASTOCAP-ABC.

Results

Preliminary checks

	Specimen 1	Specimen 2	Specimen 3
Determination of thickness in accordance with standard UNI EN ISO 2808:2007	290 µm	300 µm	290 µm
Pull-off test for adhesion in accordance with standard UNI EN 24624:1993	1,35 MPa	1,34 MPa	1,34 MPa

After testing the specimens for:

- water impermeability;
- freeze-thaw;

final checks are carried out.

Results

	Viewed through 10x optical microscope			Adhesion			Thickness		
	Specimen 1	Specimen 2	Specimen 3	Specimen 1 [MPa]	Specimen 2 [MPa]	Specimen 3 [MPa]	Specimen 1 [µm]	Specimen 2 [µm]	Specimen 3 [µm]
Freeze-thaw	pass	pass	pass	1,32	1,33	1,32	290	290	300

	Water impermeability		
	Specimen 1	Specimen 2	Specimen 3
Water impermeability	pass	pass	pass
After freeze/thaw	pass	pass	pass

Findings

In accordance with the tests performed, the results obtained and the provisions of Health Ministry Decree dated 20/08/1999, the item under consideration is **SUITABLE** for “TYPE C” encapsulation of asbestos-cement sheets.

(*) according to that stated by the customer, apart from characteristics specifically stated to be measurements. Istituto Giordano declines all responsibility for the information and data provided by the customer that may influence the results.