DECLARATION OF PERFORMANCE

Date of issue: 01/07/2013

Replaces: No --- - CPR --/---- - yyyy/# of: dd/mm/yyyy

No. 0432 – CPD - 420002389/2 - 2013/1

1 **Unique identification of the product-type:** **PROMAFOUR®**

2 **Type and batch numbers:** as given on the backside of each high temperature insulation board PROMAFOUR®.

3 **Intended uses as given in the EN 14306:2010:**
PROMAFOUR® is used in thermal insulation of building equipment and industrial installations (ThIBEII).

4 **Name and contact address of the manufacturer:**

Promat International N.V.
Bormstraat 24
B-2830 Tisselt
Belgium
Plant: 1
www.promat-international.com

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 covered by a harmonised standard: EN 14306:2010.**
MPA NRW (Materialprüfungsamt Nordrhein-Westfalen) (Notified product certification body: No. 0432) of Germany has issued for the thermal insulation product PROMAFOUR®, a Certificate of Conformity with N° 0432 – CPD - 420002389/2. The manufacturer has issued the Declaration of Conformity on 21st June 2012. According to the CPR, Art 66,2: Manufacturers may draw up a Declaration of Performance on the basis of a Certificate of Conformity or a Declaration of Conformity, which has been issued before 1 July 2013 in accordance with Directive 89/106/EEC.

8 **The construction product is not covered by a European Technical Assessment.**

9 **Declared performance:**

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.	EN 14306:2010
BR3: Hygiene, health and the environment:			
Short term water absorption by partial immersion:	3	7,0%	EN 14306:2010
Release of dangerous substances to the indoor environment:	-	No test method available	
BR4: Safety and accessibility in use:			
Rate of release of corrosive substances: - Trace quantities of water soluble chlorides: - Trace quantities of water soluble fluorides: - pH-value:	3	 < 0.01 % Lower than detection limit. 10,2	EN 14306:2010
Dimensional stability:	3	Δεl<0.03%, Δεb<0.03%, Δεd<0.03%.	
Compressive strength (CS10):	3	At 10% deformation: (CS10)11000 (≥ 11000 kPa)	
BR5: Protection against noise: not applicable.			
BR6: Energy economy and heat retention:			
Thermal conductivity (EN 12939 & EN 13787) – declared mean temperature in °C:	3	Temperature °C / λD W/(m.K) 100 0,183 200 0,185 400 0,192 600 0,204 800 0,221	EN 14306:2010
Dimensions (thickness dN) and tolerances:	3	dN: is given on the packaging tolerance class: +3 mm, -2 mm.	
Water vapour permeability (transmission coefficient μ):	3	21.	
Durability:			
Durability of thermal resistance against high	3	Maximum service temperature:	EN 14306:2010

	temperature:		ST(+)400 (≥400°C).	

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 PROMAFOUR® is available on request.

Signed for and on behalf of the manufacturer by:

Name: Stefaan Van Haute
Function: Technical Director, Promat Research and Technology Center N.V.

Tisselt, 1st of July 2013. Signature: