



technical sheet

CERTIFICATION OF



ROAD MARKING MATERIALS : BASE MATERIALS

This technical data sheet was printed on 10/08/2015.
 The validity of this technical data sheet can be checked on <http://extranet.copro.eu/>

TECHNICAL DATA SHEET		
QUICK CODE	VERSION	VALIDITY
0488/0001	1.0 - 06/08/2015	CERTIFIED
CERTIFICATE HOLDER	PRODUCTION UNIT	CERTIFICATE NUMBER
ACB-WJ Product Services Europaweg 14 BE-3560 Lummen +32 11 43 42 26 boekhouding@allchemiebelgium.be	ACB-WJ Product Services Europaweg 14 BE-3560 Lummen +32 11 43 42 26 boekhouding@allchemiebelgium.be	BENOR 488/84 Road marking materials : base materials

PRODUCT	
OFFICIAL NAME	COMMERCIAL NAME
PERMANENT WHITE PREFORMED THERMOPLASTIC WITHOUT DROP ON MATERIALS	TOPMARK 13
CAPTION ON THE PRODUCT	
Benor 488/84. Topmark 13 ACB-WJ Product Services Europaweg 14 3560 Lummen Belgium To apply with propane heater To store in a dry ware house for max 1 year in a termperauter range of 10 -30°C. Application at 25°C leads to a hardening time of 10 min.	
APPLICATION	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input checked="" type="checkbox"/> PTV 888 (1.0) </div> <div style="text-align: center;"> <input checked="" type="checkbox"/> EN 1871 <input checked="" type="checkbox"/> EN 1790 (2013) </div> </div> <p>Use: Clean and preheat the surface if needed before use. heat the product thoroughly See the manual, or ask for a specialized training.</p>	

EXPLANATIONS

ATTENTION POINTS - TO BE CHECKED BY CUSTOMER (NOT LIMITED)

- * During the application, the instructions of the manufacturer have to be taken into account.
- * At least one attestation of fitness for use, based on the guide G0025 has been delivered where this thermoplastic is the base road material from the described assembly: see concerned ATG M and point "technical drawing" in this technical data sheet.

FORM OF DELIVERY

Cardboard boxes in adapted shapes.

EXTRA INFORMATION

Contact at


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* Certificate holder:	Joris Spruyt	+32 11 45 61 89	Joris.Spruyt@allchemiebelgium.be

CERTIFIED PROPERTIES

PROPERTIES EN 1790	ACCORDING TO	UNIT	VALUE	MIN	MAX
Day-time visibility reflection in daylight	EN 1436		-	-	-
<i>Qd luminance coefficient</i>	EN 1436		-	100	-
Night time visibility			Table 2	-	-
<i>RL coefficient of retrereflected luminance Dry</i>	EN 1436		-	100	-
Day light visibility: colour in daylight			-	-	-
<i>Chromaticity coordinates</i>	EN 1436		Table 6	-	-
Skid resistance	EN 1436		-	45	-
Resistance to UV exposure	EN 1790		-	-	-
<i>Chromaticity coordinates</i>	1436		Table 6	-	-
<i>Difference in luminance factor</i>	EN 1871		UV0	-	-
Durability on road trials	G0025		-	P5 R2 Q2 S1	-
IDENTIFICATION REQUIREMENTS	ACCORDING TO	UNIT	VALUE	MIN	MAX
% Organic material (weight % of the "Passing 45 µm	PTV 888	%	***	***	***
% TiO2 in the "Passing 45 µm material" (weight % o	PTV 888	%	***	***	***
Identification of the organic content	PTV 888	-	***	***	***
Identification of the inorganic content	PTV 888	-	***	***	***
Ash content	EN 1790	%	***	***	***
Total mass per unit area of the road marking	EN ISO 2286-2	g/m ²	***	***	***

The properties containing value *** must be requested by the certificate holder.

TECHNICAL DRAWING

Attestation of fitness for use Attestation de l'aptitude à l'emploi Gebruiksgeschiktheidsattest	
	ROAD TRIALS HOMOLOGATION SUR ROUTE PROEFVAKKEN

Attestation n° Attest n°	To be published A publier Te publiceren	See / Voir: www.ubatc.be Zie : www.butqb.be
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Description of the assembly Description du système Beschrijving van het systeem
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Used products Produits utilisés Gebruikte producten	BENOR EXTRANET Code technical data sheet Code de la fiche technique Code technische fiche	Nominal dosage Dosage nominal Nominale dosering
Preformed road marking material Produit de marquage préfabriqué Geprefabriceerde wegmarkering	TOPMARK 13 0488/0001	5,0 kg/m ²
Drop on material: Produit de saupoudrage Nastrooiproduct	Not applicable Pas d'application Niet van toepassing	/
Application: Toepassing	Propane heater. Brûleur au propan Gasbrander (propaan)	
Performance classe(s) of the assembly: Classes de performance du système: Prestatieklassen van het systeem:	P6 R3 Q3 S1	
Description of the performance classes: Description des classes de performance: Beschrijving van de prestatieklassen:	see concerned attestation ATG/M. voir ATG/M concerné. zie betrokken attest ATG/M.	

ATTESTATION

With this technical data sheet, COPRO declares that the self-review by the manufacturer is checked according to TRA 84 (2.0).

The certificate holder declares to deliver a product that is in conformity with this technical data sheet as indicated on the delivery note.

CERTIFICATE HOLDER		COPRO	
Name:	Joris Spruyt	Name:	Philippe du Bus de Warnaffe
Date:	10/07/2015	Date:	06/08/2015
		Signature:	
			COPRO NPO - Z.1 Researchpark - Kranenberg 190 - B-1731 Zellik