aetec

Asociación para el Estudio de las Tecnologías de Equipamiento de Carreteras, S.A
(Association for the development of technologies for road equipment, S.A)

Quality control of road marking materials. Durability test.
Road markings: Evaluation of the perfomance in use.

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TEST REPORT FOR THE DURABILITY OF ROAD MARKING MATERIALS

TEST REPORT	REF.	2986

Delivered to: **NUOVA MARIC S.r.l.**
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Issue date: May 07th, 2013

A) IDENTIFICATION OF THE TESTED ROAD MARKING SYSTEM

BASE MATERIAL

Trade mark:	TH CL BR			
Nature:	White Thermoplastic Screed			
Dossage	6.000 g/m^2		Thickness	3000 µm
Producer:	NUOVA MARIC			
Applied by:	Extrusion			

DROP ON MATERIALS

	Glass beads	Antiskid aggregates	Retroreflective materials
Trade mark:	ECHOESTAR 20 TRM SRT	X	X
Nature:	Glass beads	X	X
Dossage g/m^2	350	X	X
Producer:	SOVITEC	X	X
Applied by:	Drop-on	X	

PREMIX GLASS BEADS

Trade mark:	X
Nature:	X
Dossage g/m^2	X
Producer:	X

B) TEST RESULTS: initial and retained values and their technical classes, in accordance to UNE-EN 1436: 2009+A1

TYPE OF MATERIAL: Thermoplastic white with premix glass beads applied by screed with drop-on materials.

CLASS OF ROUGHNESS	RG2

Roughness of the test plate on which the assembly has been tested

DURABILITY LEVEL		dry R_L	β	Qd	(x,y)
INITIAL	P0	R5	B5	Q5	pass
RETAINED	P4	R5	B5	Q5	pass
	P5	R5	B5	Q5	pass
	P6	R4	B4	Q5	pass
	P7	R4	B4	Q5	pass
DRYING TIME (Informative)		no determ.			

The results in this report relate only to the samples tested and can not be extended to other manufacturer's production

Date of commencement of the test:	February 18th, 2013	Date of end of the test:	March 19th, 2013

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The details of the test are given in an informative annex to this test report.