

DIVISIONE:
 DIVISION: **TESTING-CERTIFICAZIONE**

 LABORATORIO:
 LABORATORY: **Materiali**

RAPPORTO DI PROVA <i>(Test Report)</i>		Pag. di/of	1
		pag.	14
N°	0133\FPMMATs\19	Data:	22/02/2019
		Date:	

 IDENTIFICAZIONE E DESCRIZIONE DEL CAMPIONE:
 SPECIMEN DESCRIPTION:

Membrane
(detailed description on page 2)

 DATI IDENTIFICATIVI DEL CLIENTE:
 CLIENT:

EURO 2000 SRL
 VIA DELL'ARTIGIANATO, 27
 20083 GAGGIANO (MI)

 NORMA DI RIFERIMENTO:
 REFERENCE STANDARD:

ISO 4892-2:2013

 DISTRIBUZIONE ESTERNA:
 OUTSIDE DISTRIBUTION:

EURO 2000 SRL

 DISTRIBUZIONE INTERNA:
 INSIDE DISTRIBUTION:

Copy to Division Head

 ENTE DI ACCREDITAMENTO:
 ACCREDITATION BODY:

GENERALITIES

- Sample receiving date: 03/11/2018
- Analysis start date: 03/11/2018
- Analysis end date: 11/12/2018
- Deviation from test methods: NO

SAMPLE DESCRIPTION

BOX NYLOHM – 4 specimen NY02-NY03-NY04-NY05
DMC PUN 216 1 MT - 8 diameters from 10 to 50mm
DMC PU 216 1 MT - 8 diameters from 10 to 50mm
DMC 216 1 MT – 8 diameters from 10 to 50mm
DMC ABT 216 1 MT - 8 diameters from 10 to 50mm
DMA PU 216 1 MT - 8 diameters from 10 to 50mm
DMCN ABT 216 1 MT - 8 diameters from 10 to 50mm
DMCN 212 1 MT - 8 diameters from 10 to 50mm
DMA 216 1 MT - 8 diameters from 10 to 50mm
DMAN 227 1 MT - 8 diameters from 10 to 50mm

SAMPLING

The initial sampling has been done by the customer.
The sampling for the test has been done drawing casually part of the sample in our possession.

DECLARATION

The test results of the present report are related exclusively to the tested sample.
The present test report cannot be partially reproduced without the authorization of CSI managing Director.

PERFORMED DETERMINATIONS

RESISTANCE TO UV RADIATION

The samples have been treated for accelerated aging using a Weather-O-Meter ATLAS CI4000 instrument, according to **ISO 4892-2:2013** parameters as reported below.

TEST CONDITIONS:

STANDARD	ISO 4892-2:2013
INSTRUMENT	WEATHER-O-METER ATLAS CI4000
LAMP AND FILTERS	XENON 6500 W WITH BOROSILICATED FILTERS
SPECIFIC IRRADIANCE	0,35 W/m ² at 340 nm
BLACK PANEL TEMPERATURE	65 ± 5 °C (WITH LAMP ON)
RELATIVE HUMIDITY	50 ± 5 %
EXPOSURE TIME	500 HOURS
TREATMENT	CONTINUE EXPOSITION WITH RAIN CYCLES

It evaluates the color degradation and structural characteristics.

The degree of resistance must be such as to allow the coloring to withstand the stresses of various kinds deriving from the use to which the article is intended.

The element in the assessment of color fastness is the variation that the original color undergoes after the test (evaluation of deterioration);

In order to evaluate the color fastness, it is essential to refer to defined intensity standards: for this purpose the gray scale of the degradation and the gray scale of the drain are used. These scales consist of five pairs of two-color gray-neutral stripes with contrast differences of varying intensity.



CSI
CERTIFICAZIONE E TESTING

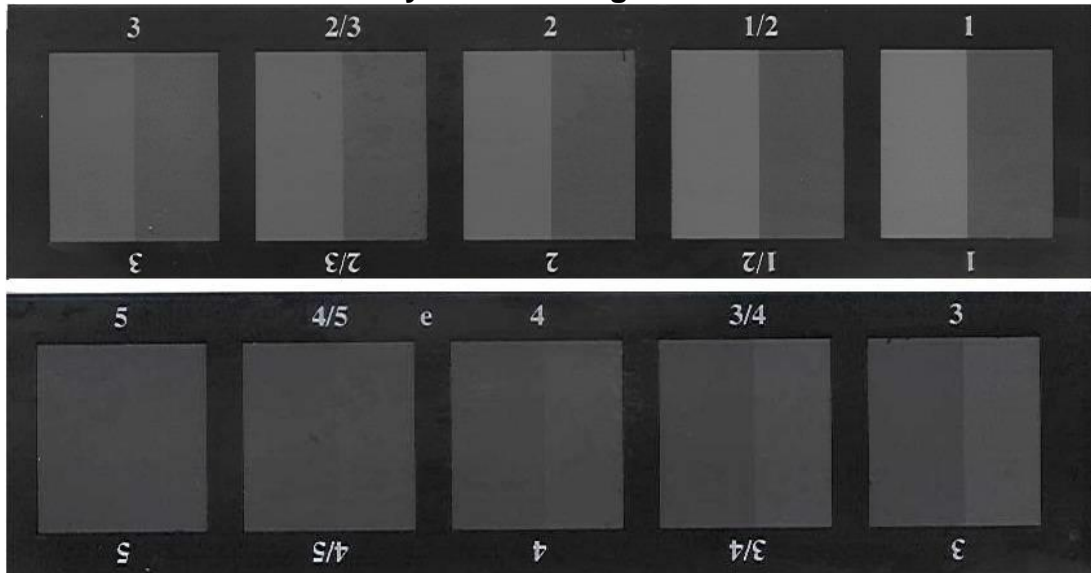
RAPPORTO DI PROVA
(Test Report)

N° 0133\FPMMATs\19

Pag. 4
di/of
pag. 14

Data: 22/02/2019
Date:

Gray scale for degradation



RESULTS

RESISTANCE TO UV RADIATION

BOX NYLOHM – 4 specimen NY02-NY03-NY04-NY05



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMC PUN 216 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMC PU 216 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMC 216 1 MT – 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMC ABT 216 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMA PU 216 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMCN ABT 216 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMCN 212 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

DMAN 227 1 MT - 8 diameters from 10 to 50mm



No structural variations (breakage, chalking and exfoliation) were detected at the end of the test.
No color variation, gray scale equal to 5.

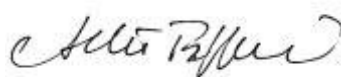
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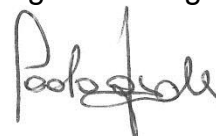
B. U. Prodotto
B. U. Product

22/02/2019

Alberto Taffurelli



Ing. P. Fumagalli



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