

TECNO PIEMONTE S.p.A.

CENTRO PROVE - RICERCHE - AMBIENTE - SERVIZI PER INGEGNERIA
AUT. MIN.: INTERNO - SALUTE - SVILUPPO ECONOMICO - ISTRUZIONE UNIVERSITA' E RICERCA
INFRASTRUTTURE E TRASPORTI ART. 20 LEGGE 1086/71 - DPR. 380/01
INDAGINI - GEOTECNICA TERRENI E ROCCE - MARCATURA CE ORGANISMO NOTIFICATO N° 1372



Customer: **Imper Italia S.r.l.**
Via Volta, 8
10071 Fraz. Mappano
Borgaro (TO)

TEST REPORT N° 02623/43/56 of 22/03/2017

Page 1 of 2

Order n° **403/IM** of **10-mar-17** Your ref: -

SETTORE MATERIALS FOR WATERPROOFING

PROPERTY OR CONTRACTING INSTITUTION:

SITE:

SAMPLING METHOD:

SAMPLING REPORT:

RULES OF SAMPLING:

SAMPLING DATE:

SAMPLE RECEPTION DATE:

ORIGIN OF THE SAMPLE:

SAMPLING POINT:

TYPE OF THE SAMPLE:

MARK OF THE SAMPLE:

Our SAMPLE RECORD:

LEGISLATION REFERENCE:

-
Production plant of Marano Ticino (NO)
Customer care and responsibility
-
Customer care and responsibility
Not declared
10/03/2017
Production plant of Marano Ticino (NO)
-
PVC waterproofing membrane
EUROFLEX V AT 1,2 mm thickness
403_1
D.M. 21/03/1973 G. U. Suppl. Ordin. n° 104
of 20/04/1973
General rules - Packaging and materials destined
to come into contact with food and beverages

Results relate only to tested samples

LABORATORY DIRECTOR

Dott. Irene SBERNA

ANALYST

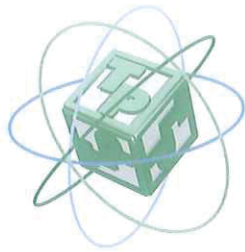
P.I. Paolo BUONAVITA

SEDE AMM. / OPERATIVA:
Statale Valsesia, 20
13035 Lenta (Vc)

SEDE LEGALE:
Via C. Pizzorno, 12
28078 Romagnano Sesia (No)

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P. IVA 00590090031 - R.E.A. NO 136553 - CAP. SOC. a 2.400.000,00 I.V. - TRIB. NO 7192



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Order n° 403/IM del 10-mar-17 Your ref:

Parameter	Result	Limit ⁽¹⁾	Measurement uncertainty ⁽²⁾	U.M.	Test Method	Starting date analysis	End date analysis	Note
CHEMICAL PARAMETERS								
Cadmium (Cd)	<1	5,0		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Chrome (Cr)	<15	50		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Copper (Cu)	<0,010	1,0		mg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Lead (Pb)	<5	10		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Mercury (Hg)	<1	1,0		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Nickel (Ni)	<5	20		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Arsenic (As)	<5	10		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Antimony (Sb)	<1	5,0		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Nitrate (as NO ₃)	<0,1	50		mg/l	UNI EN ISO 10304-1:2009	13/03/2017	14/03/2017	
Nitrite (as NO ₂)	<0,1	0,50		mg/l	UNI EN ISO 10304-1:2009	13/03/2017	14/03/2017	
Fluoride (F ⁻)	<0,1	1,50		mg/l	UNI EN ISO 10304-1:2009	13/03/2017	14/03/2017	
Vinyl chloride	<0,1	0,5		µg/l	EPA 5030C 2003 + EPA 8260C 2006	15/03/2017	21/03/2017	
PARAMETERS INDICATORS								
pH	7,10	6,5 ÷ 9,5	± 0,05	U pH	APAT CNR IRSA 2060 Man 29/2003	13/03/2017	14/03/2017	(3)
Aluminum (Al)	<100	200		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Ammonium	<0,02	0,50		mg/l	M.U. 2363:2009	13/03/2017	14/03/2017	
Chloride	<0,1	250		mg/l	UNI EN ISO 10304-1:2009	13/03/2017	14/03/2017	
Color	Absent	Acceptable to consumers and no abnormal change		-	APAT CNR IRSA 2020 Met. A Man 29/2003	13/03/2017	14/03/2017	
Electric conductivity	15,70	2500		µS/cm	APAT CNR IRSA 2030 Man 29/2003	13/03/2017	14/03/2017	(4)
Iron (Fe)	<100	200		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Manganese (Mn)	<15	50		µg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
oxidability	<0,04	5,0		mg/l O ₂	Metodo per titolazione	13/03/2017	14/03/2017	
Sulphate (SO ₄ ⁻)	<0,1	250		mg/l	UNI EN ISO 10304-1:2009	13/03/2017	14/03/2017	
Sodium (Na)	<0,1	200		mg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Magnesium (Mg)	<0,1	-		mg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Calcium (Ca)	1,8	-		mg/l	UNI EN ISO 11885:2009	13/03/2017	14/03/2017	
Hardness	0,4	-		°F	APAT CNR IRSA 2040 Met. A Man 29/2003	13/03/2017	14/03/2017	
Dry residue at 180°C	<0,0001	-		g/l	APAT CNR IRSA 2090 Met. A Man 29/2003	13/03/2017	14/03/2017	

1 the limit values taken as reference are those reported in D.M. 21/03/73 titolo II Art. 9bis

2 expanded uncertainty expressed in degrees of freedom = 9 coverage factor k = 2; 95% confidence level

3 pH value determined at a temperature of 25 ° C.

4 Electric conductivity value determined at a temperature of 25 ° C.

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