

TEST REPORT

16-0927IT

Issued on February 8th 2017

CLIENT

COLTECH LTD

PRODUCT NAME

COLTECH A190

TYPE

JOINT

Test according to:

EN 12228:2013 Surfaces for sports areas – Determination of joint strength of synthetic surfaces

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The results are valid only for the submitted samples as described in this report.



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SPORT

SCOPE OF THE TEST PROGRAMME

The joints (samples submitted) were tested in accordance to UNI EN 12228:2013, using the following test procedures.

DOCUMENTS OF REFERENCE

STANDARDS USED

UNI EN 12228:2013 Surfaces for sports areas - Determination of joint strength of synthetic surfaces

UNI EN 13744:2005 Surfaces for sports areas - Procedure for accelerated ageing by immersion in hot water

FIFA Handbook of Test Methods – January 2015 Edition

FIFA Handbook of Requirements – January 2015 Edition

World Rugby performance specification for Rugby Turf 2016 Edition

STORAGE TIMES

Storage of documents 4 years and samples 1 month from the issue of the report

SAMPLING

Sampling is performed by the customer

ENVIRONMENTAL CONDITIONS IN THE LABORATORY

Air temperature	Relative humidity
23°C ± 2°C	50% ± 5%

CLIENT

COMPANY
ADDRESS

COLTECH LTD
Industrial Area of Inofita
32011 Inofita

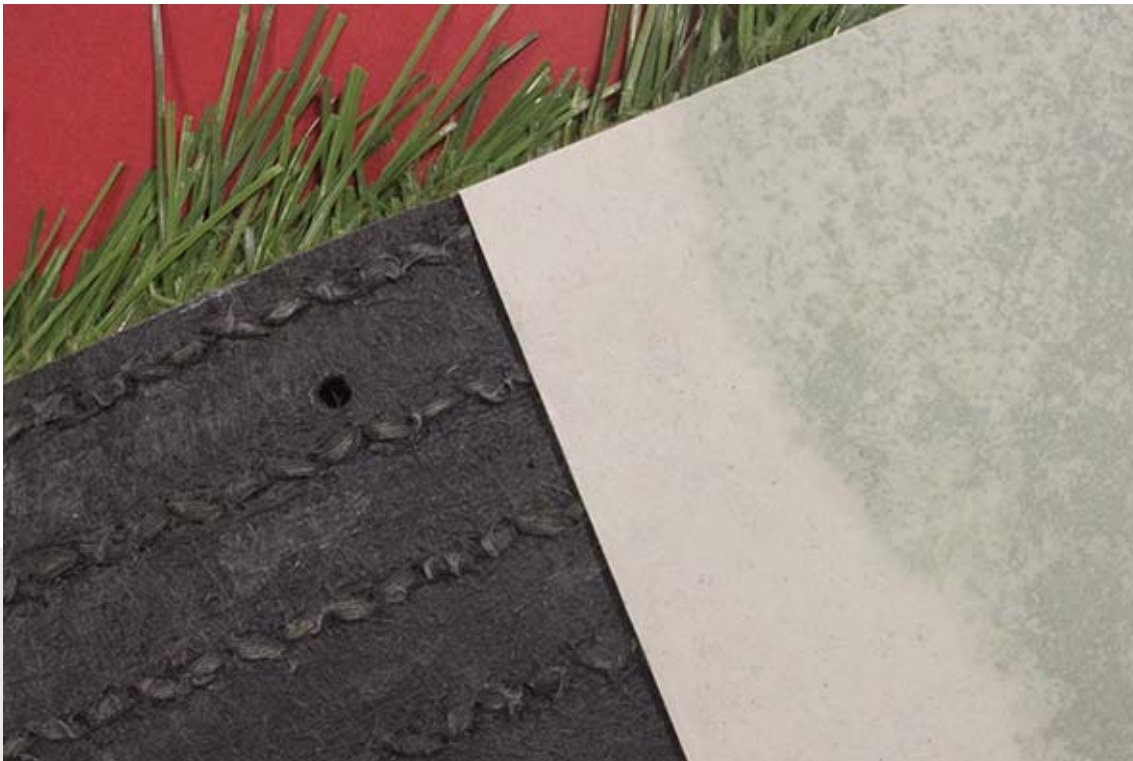
COUNTRY

Greece

DATA ACQUISITION

DATE OF RECEIPT OF ORDER	December 5 th 2016
DATE OF RECEIPT OF FIRST SAMPLE	December 23 rd 2016
DATE OF RECEIPT OF LAST SAMPLE	December 23 rd 2016
STARTING DATE OF THE TESTS	January 9 th 2017
ENDING DATE OF THE TESTS	January 25 th 2017

SAMPLE IDENTIFICATION



Product name	COLTECH A190
Description (from manufacturer's data sheet)	<p>The FIFA joint was realized as follows.</p> <p>GLUE Manufacturer COLTECH LTD, color GREEN, type BICOMPONENT THIXOTROPIC SOLVENT FREE PU ADHESIVE.</p> <p>TAPE Manufacturer COLTECH LTD, product name COLTECH SEAMING TAPE CARPET gauge 3/4, induction LATEX</p>

TESTS RESULTS

Joint strength bonded seams (N) EN 12228 Method 2			
Average unaged	111N	Average water aged	76N
FIFA requirement $\geq 75\text{N}/100\text{mm}$			

EQUIPMENT USED

UNI EN 12228:2013 Surfaces for sports areas – Determination of joint strength of synthetic surfaces

Equipment	Model	Serial number	Internal code
Cella di carico MTS	5KN	205083	STR150
MTS	Insight	39991	STR165
Datalogger	117-H1	01333640/702	STR018
Climatizzatore	BXN0-A022 E	BX-CT0022AA001H	STR127
PC	Latitude E5500	7567D450	STR099

UNI EN 13744:2005 Surfaces for sports areas. Procedure for accelerated ageing by immersion in hot water

Equipment	Model	Serial number	Internal code
Stufa Binder	BF720	09-10549	STR110

ADDITIONAL INFORMATION

None

CONCLUSIONS

None

Laboratory director
Roberto Armeni



Technician
Davide Giorgini

