

TEST REPORT n° 201303033

Reference rule: **UNI EN 13813:2004**

PRODUCT: **FONO MIX**

MANUFACTURER: SC TRADE S.r.l. Casumaro di Cento (FE) - ITALY

KIND: Cement Screed (CS)

SAMPLING: Average sample from packaged bag

ORIGIN: Plant of Fidenza (PR) – Italy

UNI EN 13892-2 of 2005

Testing method for screed materials -

DETERMINATION OF FLEXURAL AND COMPRESSION STRENGTH

Preparation of screed material : dough made in date 19/02/2013 ,
Starting from dry constituents and water , accordance with Norm **EN13892-1**,
under laboratory conditions , with mixers complying with the Norm **EN 196-1**,
Mix water : 18 %
Mixing time : 120 sec

Samples preparation: Date 19/02/2013

Temperature : 20°C Humidity : 65% Water Temperature: 20°C

Maturing : In the mold, in sealed polyethylene bags 2 days
Removed from the mold , in sealed polyethylene bags 5 days
Removed from the polyethylene bags 21 days

FLEXURAL STRENGTH

Age of the test sample : 28 days

Tool : Controls 65-L13V2/LC

loading speed increasing : 50N/sec

Sample	1	2	3
Strength (N/mm ²)	5,57	5,68	5,32

FLEXURAL STRENGTH VALUE : 5,5 (N/mm²)

COMPRESSION STRENGTH

Age of the test sample : 28 days

Tool : Controls 65-L13V2/LC

loading speed increasing : 2500N/sec

Sample	1		2		3	
Strength (N/mm ²)	23,28	24,76	25,33	24,86	24,44	23,55

COMPRESSION STRENGTH VALUE : 24,4 (N/mm²)