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Article "sample (granulate) 460140 brick-red" (TFI-Report n° 420396-01)

Radiant-Panel-test according to EN ISO 9239-1:2002-01

This letter is a translation of the letter 350783 dated 08th July 2005

Ladies and gentlemen,

We would like to refer to your order of 25th May 2005, 13th March 2012 and report herewith the results of the Radiant-Panel-test for the above mentioned article.

The samples were conditioned for a period of 25 days in the standard atmosphere (23/50).

The samples were tested loose laid on ca. 6 mm thick fibre cement plates. Granulate was scattered in a metal bin (approx. 5 mm).

Results:

Report n°	420396-01
Article	Granulatprobe 460140 ziegelrot production direction sample 1
Burnt distance [cm]	41.5
Critical radiant flux [kW/m ²]	5.0
Smoke development [% x min]	342

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A floor covering meets the requirements to belong to Euro fire-class C_{fi} -s1 according to EN 13501-1:2007, when the average of the critical radiant flux of three test specimen is $\geq 4,5 \text{ kW/m}^2$ and when the average of the smoke development of the three test specimen is $\leq 750 \% \times \text{min}$ and when the requirements to belong to "Baustoffklasse" E_{fi} are met.

Sincerely

Ulrike Balg

Dipl.-Ing Technological testing