SBI Test Report

| CSTB SBI 2 |
|------------------------------|
| Benoit FOREST |
| C:\SBICALC\DATA\16050069.CSV |
| es541160209 |
| GEOPIETRA |
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| Test EN 13823:2010 Date of test 04/07/2016 Date of report 04/07/2016 E' 17.2 MJ/m³ | Pre-test conditions Baseline duct temperature Ambient temperature Ambient pressure Relative humidity | ire 294.73 K 294.48 K 102.471 kPa 50% | Specimen co Method Time interval Mass 1 Mass 2 Temperature | nditioning Not conditioned N/A N/A N/A N/A N/A |
|--|---|---|--|--|
| Apparatus specificationskt0.870kp1.08Duct diameter0.311O2 calibration delay time10 sCO2 calibration delay time8 s | Baseline oxygen | n 20.696% 20.961% 0.0394% 99.95% | RH | N/A N/A |
| Specimen information Thickness 200 mm Density Surface mass/area Specimen number 1 Date of arrival | Mounting method Joints Fixed to substrate? Fixing method Substrate Manufacturer Sponsor | none none No N/A none GEOPIETRA SRL GEOPIETRA SRL | | |
| Test validity criteriaTest driftsInitialFinalOxygen20.961%20.957CO20.039%0.039Smoke99.95%99.63Exposure time1254 sSynchronisation detailsDuct temp. dropped by 2.5 K fromOxygen rose by 0.05% from baselCO2 dropped by 0.02% from basel | 7% 0.003% 1% 0.001% 1% 0.003 1 baseline of 316.80 K at 303 s ine of 20.674% at 303 s | Burner deta Burner HRR Burner HRR Burner CO2/0 Burner SPR Burner SPR Burner respo Other check Minimum duo Maximum du No T/C failure | std. dev. D2 ratio td. dev. nse time ks ct flow ct flow | 29.751 kW 1.053 kW 0.616 0.024 m²/s 0.004 m²/s 12 s 0.507 m³/s 0.613 m³/s |
| Classification resultsFIGRA(0.2)threshold not reachFIGRA(0.4)threshold not reachTHR(600)0.5 MJSMOGRAthreshold not reachTSP(600)12.0 m² | ed FDP flaming <= 10s? FDP flaming > 10s? | No Cla No Sm | tential classifi ss loke production ming droplets/p | A2/B s1 |
| Mutu | ce flashes? No; Falling specimen al fixing of backing board failed? at depaisseur160mm | | | |

Pre-test comments isolant depaisseur160mm

After-test comments

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The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.