

COLLECTION: ORGANIC BLOCKS

SBI Test Report - EN 13823 TEST EQUIPMENT Standard used EN 13823:2010 + A1:2014 HRRtotal [kW] Full test duration/performed Yes 50 Smoke correction performed No THRta [MJ] THRta[MJ]I HRRav [kW] Report identification OMC143A16 MMM MANAMANAMAN MANAMANAMAN 30 Product Product identification organic Blocks 20 Sample number 10 Thickness [mm] 0 Mass per Area [kg/m²] 0 1200 Time [s] **Test Conditions** Conditioning respected No Mounting by 0 HRRav [kW] Substrate 0 25 ICRAta [W/s] 20 Fixing 0 15 **[S/M]** HRRav [kW] Orientation 0 15 Joints 10 Trolley 10 Laboratory Laboratory identification **ITeCons** Joana Faria Operator Filename OMC143A16_1.xls Time [s] Specifications apparatus 0,938728794 Flow profile kt Probe constant krho 1,08 Light signal [-] 90 0,315 Duct diameter [m] TSPta [m²] 80 O₂ calibration delay time [s] 70 60 **[_w]** CO₂ calibration delay time [s] 15 0.8 0,6 40 **Pre-test conditions** 0,4 100620 Barometric pressure (Pa) 20 Relative humidity (%) 57,9 0,2 10 Ambient temperature (°C) 20 1200 1500 Visual observations LFSedge No FDP (f =< 10s) No 0,18 SPRav [m²/s] FDP (f > 10s) No 1,8 0,16 SMOGRATE [m²/s²] 1,6 0,14 1,4 [s/₂w] **End of test conditions** 0,12 Light transmission (%) 98,3 SPRav [m²/s] 0,1 1 0,8 0,0 0,4 SMOGRAta [r 20.84 X O₂ (%) 0.08 X CO₂ (%) 0,120 0,06 0.04 Recorded events 0,2 Surface flash No Falling of specimen parts No Time [s] Droplets <10s No d0 Droplets >10s No Smokes not entering hood FIGRA_0.2 [W/s] 22,57 No FIGRA_0.4 [W/s] 22,57 Mutual fixing of backing board fails В Conditions justify early stop of test FIGRA [W/s] 22.57 Nο В THR600s [MJ] 1,49 Tendency distortion/collapse No **Heat Release** Excessive RHR No Excessive temperature SMOGRA [m²/s²] S1 TSP600s [m²] 27,86 Estimated Class: Smoke Production B-S1,d0 Classification based on Classic Construction Product

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