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(71) Applicant: SAINT-GOBAIN PLACO [FR/FR]; 34 Avenue Franklin Roosevelt, F-92150 Suresnes (FR).

(72) Inventors: BROOKS, Laura; BPB United Kingdom Ltd, Technical Centre, East Leake, Loughborough Leicestershire LE12 6JT (GB). FISHER, Robin; BPB United Kingdom Ltd, Technical Centre, East Leake, Loughborough Leicestershire LE12 6JT (GB). RIDEOUT, Jan; BPB United Kingdom Ltd, Technical Centre, East Leake, Loughborough Leicestershire LE12 6JT (GB).

(74) Agents: OXLEY, Rachel et al.; Mewburn Ellis LLP, City Tower, 40 Basinghall Street, London Greater London EC2V 5DE (GB).

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(54) Title: FIRE-RESISTANT CALCIUM SULPHATE-BASED PRODUCTS

(57) Abstract: The present invention provides calcium sulphate-based product having reduced shrinkage after exposure to high temperatures, the product comprising gypsum, a pozzolan source (e.g. in an amount between 4-27 wt%) and a metal salt additive (in an amount between 0.5 and 10 wt%). The pozzolan source may be selected from a kaolinitic clay material, fly ash, rice husk ash, diatomaceous earths, volcanic ashes and pumices, micro-silica, silica fume and silicone oil. The metal salt additive may be a metal salt which decomposes between a temperature of 300-500°C to yield a metal oxide, e.g. magnesium nitrate.

