## met Sopro RAM 3 454 Renovation and levelling mortar





Universal, grey, sag-resistant, rapid-set, fibre-reinforced, cementitious render and surface filler for smoothing, patching and rendering of wall and floor surfaces. For application to mineral substrates, e.g. concrete and masonry. Excellent workability and mouldability. Ideal for renovation and refurbishment. Ready for tiling after only 2 hours. Suitable as plinth render, for formation of angle fillets and to create falls, for use in damp and wet spaces, and on balconies, patios and steps/stairways. The mortar's rapid strength development allows early removal of uneven patches in filler coat using plasterer's lattice plane. Low-chromate to Regulation (EC) No 1907/2006, Annex XVII.

- For 3–60 mm coat thicknesses<sup>1)</sup>
- Excellent sag resistance and mouldability, even with greater coat thicknesses
- Allows early loading, ready to receive ceramic covering after only 2 hours
- Suitable for levelling coats laid to falls
- Reaction to fire: Class A1/A1<sub>fl</sub>
- For rapid progress on site
- Formation of angle fillet/junction seal: low capillary absorption to DIN EN 1062-1
- Also easy to apply by plastering machine
- EMICODE system of GEV (German Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials): EC1PLUS ("very-low-emission-plus") rating
- DGNB (German Sustainable Building Council): Top quality level 4, Line 8<sup>2)</sup>
- For walls, floors and ceilings
- For indoor and outdoor use

Use

Composition

**Coat thickness** 

**Mixing ratio** 

Maturing time

**Consumption** rate

Working life

For rendering, patching, smoothing and levelling of wall, floor and ceiling surfaces in concrete (to DIN 1045) and in pumice, clay, calcium-silicate and composite masonry. For producing level, plumb and true substrates for subsequent installation of ceramic, natural and cast stone coverings.

Particularly suitable for renovation and refurbishment works, offering excellent mouldability. Also suitable for formation of angle fillets, as plinth render and as levelling coat to provide falls where structural substrate has no gradient, in damp and wet spaces or on balconies and patios. Once set, Sopro RAM 3 454 is water-vapour-permeable and resistant to water and freeze-thaw cycles.

Portland cement-based premixed dry mortar of strength class CS IV to DIN EN 998-1, containing selected mineral aggregate and special polymers.

3-60 mm in single operation

4.5–5.0 ltr water : 25 kg Sopro RAM 3 454 0.9–1.0 ltr water : 5 kg Sopro RAM 3 454

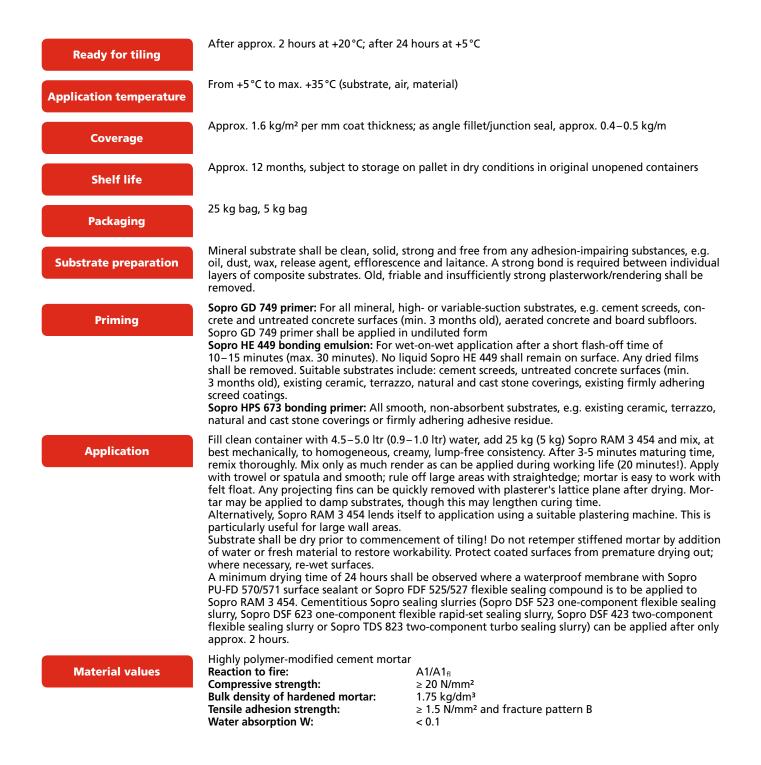
3-5 minutes

25 kg Sopro RAM 3 454 dry mortar yields approx. 15.5 ltr fresh mortar; accordingly, for 10 mm coat thickness, 25 kg dry mortar suffices for approx. 1.6 m<sup>2</sup> rendered area

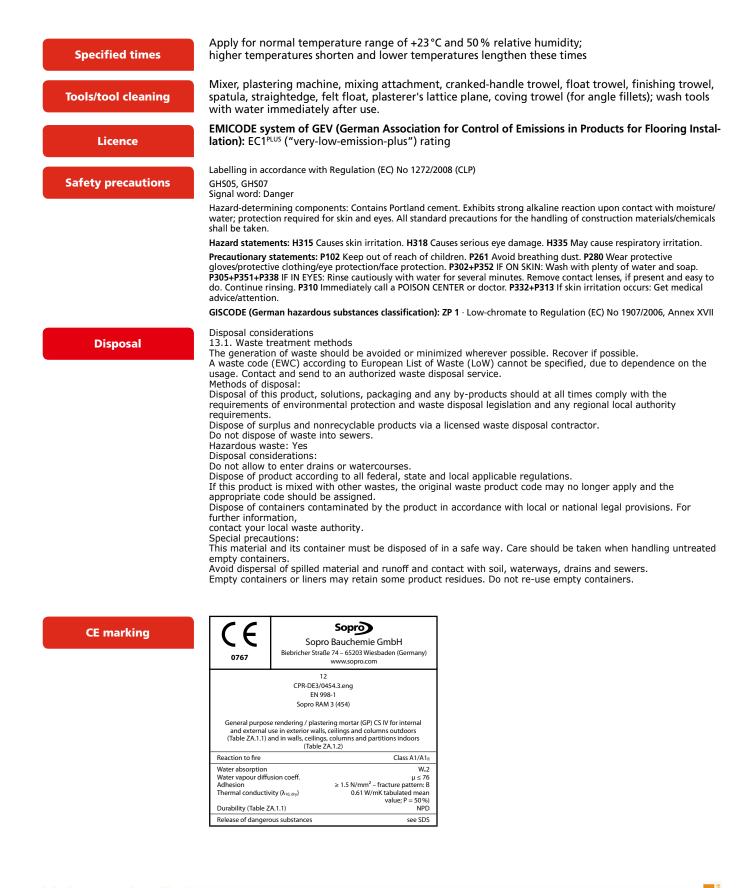
Approx. 20 minutes

<sup>1)</sup> 60 mm for single, full-surface application

Based on DGNB (German Sustainable Building Council) criterion "ENV1.2 Local Environmental Impact" (2015 version).



Please observe the current version of the product information, the currently valid declaration of performance under the EU Construction Products Regulation, and the latest version of the relevant safety data sheet to EC Regulation No 1907/2006, also available from the Internet at www.sopro.com! This document serves as a product description and sets out general details, based on empirical and test data, that take no account of specific cases of application. No liability may be construed and no claims shall be accepted in respect of these details. Should you require assistance, please contact our Technical Counselling Service.



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FOR MORE INFORMATION CONTACT: Smet Building Products Ltd 93A Belfast Road | Newry | BT34 1QH | Northern Ireland T: +44 (0)28 3026 6833 ROI: +353 (0) 1697 8586 E: info@smetbuildingproducts.com smetbuildingproducts.com or smet.ie

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