smet®



Renders & Plasters

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SMET Render & Plaster Products Suitable for Hand and Machine Application

	Sand & Cement Render	Specialised Render	Thermal Insulating Renders/ Render For Insulating Blockwork		Lime Based Render/Plaster		Insulating Render/Plaster	Final Top Coat
	CASEA	CASEA	CASEA	CASEA	CASEA	CASEA	ProofShield	CASEA
	bauprotec 700	bauprotec RHS	bauprotec 850 M	bauprotec FLP M	bauprocalc 830	bauprocalc KG	ProofTherm Insulating Render/Plaster	Mineral Finish Coat K
Product Description	Sand & Cement Tanking Render, for application on plinths and basement walls	Highly polymer modified render for application onto difficult substrates such as pre-cast concrete. Can also be used onto EPS	Lightweight, lime-cement render for thermal insulating blockwork or traditional blockwork	Lightweight mineral lime cement render specially designed for high insulating masonry	Hydraulic hardening render/ plaster based on lime, for renovation of old and listed buildings and ecological new builds	Hydraulic hardening skim coat plaster based on lime for renovation of old and listed buildings and ecological new builds	High performance, highly breathable, lightweight, insulating render/ plaster with expanded Perlite	Mineral-based, finish coat render for hand and machine application. Blend of the purest white calcium hydrate, white cement. Grain sizes available: 1.5, 2 and 3mm
EN 998-1	GP-CSIV-W2 EN 998-1	GP-CSIII-W2 EN 998-1	LW-CSII-W2 EN 998-1	LW-CSII-W_c2 EN 13914	GP-CSII-W0 EN 998-1	CR-CSI-W0	GP-CSI-W1 EN 998-1	CR-CSII-W2 EN 998-1
Min. Thickness	to EN 13914	to EN 13914	to EN 13914	to EN 13914	to EN 13914	1 mm	10 mm	to Grain Size
Max. Thickness	to EN 13914	to EN 13914	to EN 13914	to EN 13914	to EN 13914	5 mm	100 mm	to Grain Size
Compressive Strength	CS IV EN 998-1	CS III EN 998-1	CS II EN 998-1	CS II EN 13914	CS II EN 998-1	CS I EN 998-1	CS I EN 1015-11	CS II EN 998-1
Capillary Water Absorption	W2	W2	W2	W_c2	W0	W0	W1	W2
Thermal Conductivity (Tabular value)	λ10, dry,mat ≤ 0.82 W/(mK) @ P=50% λ10, dry,mat ≤ 0.89 W/(mK) @ P=90%	λ10, dry,mat ≤ 0.39 W/(mK) at P=50% λ10, dry,mat ≤ 0.43 W/(mK) at P=90%	λ10, dry,mat ≤ 0.39 W/(mK) at P=50% λ10, dry,mat ≤ 0.43 W/(mK) at P=90%	λ10, dry,mat ≤ 0.21 W/(mK) at P=50% λ10, dry,mat ≤ 0.23 W/(mK) at P=90%	λ10, dry,mat ≤ 0.82 W/(mK) at P=50% λ10, dry,mat ≤ 0.89 W/(mK) at P=90%	λ10, dry,mat ≤ 0.39 W/(mK) @ P=50% λ10, dry,mat ≤ 0.43 W/(mK) @ P=90%	λ10, dry,mat <0.049 W/(mK) @P=50%	λ10, dry,mat ≤ 0.69 W/(mK) @ P=50% λ10, dry,mat ≤ 0.83 W/(mK) @ P=90%
Water Vapour Permeability Coefficient	μ ≤ 25	μ ≤ 25	μ < 20	μ ≤ 5/20	μ < 20	μ < 10	μ < 6.27	μ < 20
Yield	1.5 kg/mm/m²	1.4 kg/mm/m²	1.2 kg/mm/m²	0.75 kg/mm/m²	1.0 kg/mm/m²	1.1 kg/mm/m²	0.34 kg/mm/m²	3.0 kg/m²
Water Demand (approx per bag)	6 - 7 L	6 L	6.7 L 25kg 8 L 30kg	7 L	7.5 L	11 L	13 - 14 L	6.5 L
Suitable Substrates	Medium & High Density Blockwork	Low, Medium, High Density Blockwork, Brickwork, EPS	Low, Medium, High Density Blockwork, Brickwork. Thermal Insulating Blockwork	Low, Medium, High Density Blockwork, Brickwork. Thermal Insulating Blockwork	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework, Lime Plasters, Lime-cement Plasters, Plaster Board	Low, Medium, High Density Blockwork, Brickwork. Thermal Insulating Blockwork	Mineral Base Coat Renders and Pre-Cast Concrete
External Use	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Unit Size	30 kg	25 kg	25 kg 30 kg	20 kg	30 kg	20 kg	15 kg	25 kg
Units Per Pallet	42	42	42	54	42	54	72	42

SMET Render & Plaster Products Suitable for Hand and Machine Application

	Natural Hydraulic Lime Binders			NHL Tanking Mortar	Cementitious Levelling Render / Plaster / Skim		
	CASEA	CASEA	CASEA	Heidelberg Materials	Sopro	Sopro	Sopro
	SMET NHL 2	SMET NHL 3.5	SMET NHL 5	Tradilys Protect Damp Treatment Render/Plaster	RAP 2 Renovation and Levelling Render	SBP 474 Swimming Pool Render	USM 464 Universal Surface Skim
Product Description	Pure, feeble hydraulic strength Natural Hydraulic Lime binder, produced under ISO 9001 and ISO 14001 to EN 459-1. For the production of lime mortars	Pure, moderate hydraulic strength Natural Hydraulic Lime binder, produced under ISO 9001 and ISO 14001 to EN 459-1. For the production of lime mortars	Pure, eminent hydraulic strength Natural Hydraulic Lime binder, produced under ISO 9001 and ISO 14001 to EN 459-1. For the production of lime mortars	Natural hydraulic lime mortar for the treatment of saltpetre and damp walls. Highly breathable and cement-free.	Sag-resistant, rapid-set, cementitious render for rendering, patching and smoothing surfaces. Ideal for rapid-dry renovation	Rapid-set, fibre-reinforced cementitious render/skim for patching and smoothing surfaces and making falls in swimming pools	Patching / levelling cementitious render for preparing substrates for tiling. Forming falls in wet areas, patios and balconies
EN 998-1	EN 459-1	EN 459-1	EN 459-1	R-CSII-W1 EN 998-1	GP-CSIV-W_c2 EN 998-1	GP-CSIV-W_c2 EN 998-1	GP-CSIV-W_c2 EN 998-1
Min. Thickness	EN 13914	EN 13914	EN 13914	to EN 998-1	to EN 998-1	3 mm	2 mm
Max. Thickness	EN13914	EN 13914	EN 13914	to EN 998-1	to EN 998-1	30 mm	30 mm
Compressive Strength	2 N/mm²	3.5 N/mm²	5 N/mm²	CS II EN 998-1	CS IV EN 998-1	CS IV EN 998-1	CS IV EN 998-1
Capillary Water Absorption	NPD	NPD	NPD	0.3 Kg/m2 after 24 h	W_c2	W_c2	W_c2
Thermal Conductivity	NPD	NPD	NPD	0.45 W/(mK)	λ10, dry,mat ≤ 0.61 W/(mK) tabulated mean value; P=50 %	λ10, dry,mat ≤ 0.61 W/(mK) tabulated mean value; P=50 %	λ10, dry,mat ≤ 0.61 W/(mK) tabulated mean value; P=50 %
Water Vapour Permeability Coefficient	NPD	NPD	NPD	μ ≤ 6	μ ≤ 76	μ ≤ 76	μ ≤ 140
Yield	NPD	NPD	NPD	1.2 kg/mm/m²	1.6 kg/mm/m²	1.6 kg/mm/m²	1.6 kg/mm/m²
Water Demand (approx per bag)	NPD	NPD	NPD	4.7 - 5.3 L	4.0 - 4.5 L	4.5 - 5 L	3.75 - 4.25 L
Suitable Substrates	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework	Low, Medium, High Density Blockwork, Brickwork, Stonework Renders, Plasters
External Use	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Unit Size	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg
Units Per Pallet	56	56	56	48	40	40	40

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The information, and, in particular, the recommendations relating to the application and end-use of SMET distributed products, are given in good faith based on SMET's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the manufacturer's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Renders & Plasters

Renders and Plasters from Smet Building Products Ltd have been used throughout Europe for decades. Our comprehensive portfolio includes machine-applied products, lightweight renders, lime-based renders, thermal insulating renders, specialist renders for External Thermal Insulation Composite Systems (ETICS) and Insulating Concrete Formwork (ICF), alongside high-quality hand- and machine-applied plasters. The SMET range offers a render and plaster solution for virtually every building requirement.

Bringing European Innovation

SMET is dedicated to delivering the leading names in building products directly from Europe to Ireland and the UK. As an award-winning business, SMET's strength is in delivering innovative, superior-quality products supported by exceptional technical and conscientious customer service.

A Smet Supported Partner

As a family-run business with extensive experience in the construction industry, both nationally and internationally, SMET takes the time to invest in and support you as a Smet Supported Partner. You benefit from an unmatched wealth of expert knowledge and experience, including technical advice, logistics, problem-solving support, tailored back-office assistance, marketing and social media campaigns, and solution-focused customer service.
As a Supported Partner, you can look forward to improved site management, time savings, quality improvements and a reduced environmental impact.

Quality, Service & Support

Bringing innovative products to the UK and Ireland SMETs passion. With a comprehensive product portfolio and exceptionally detailed technical support, quadruple BSI-certified SMET is equipped to meet the complex demands of architects, specifiers, engineers, designers and end-users across all phases of construction. SMET strives to achieve total client satisfaction in every aspect of its work.

Environmental Assurances

Visit SMET's Sustainability page to learn more about environmental commitments, download BSI-registered BES 6001 Responsible Sourcing of Construction Products certificate, review sustainability policies, and discover how SMET support the local community.

FOR MORE INFORMATION CONTACT: Smet Building Products Ltd
93A Belfast Road I Newry I BT34 1QH I 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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