

Order-No
749

Sopro GD 749

Primer



Light-blue, solvent-free synthetic resin primer for high- and variable-suction substrates. Particularly suitable for subsequent application of mineral adhesives, surface fillers and waterproof membranes.

- Quick-drying
- Dilutable with water to suit application
- High penetration
- Suitable for floor heating systems
- Solvent-free
- For indoor and outdoor use

EMISSIONS

German AgBB test

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GEV EMICODE

EC1^{PLUS}

Swiss eco-bau quality label

eco-1

French VOC ordinance

A+ very-low-emission

VOC content

0 g/ltr



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

DGNB · German Quality Label for Sustainable Building

2015/2016 version

Criterion	ENV1.2 Local Environmental Impact	
Criteria matrix	Line 8	
Product type	Laying material – Primer	
Requirements	Quality level 1 (low)	GISCODE D1/RU0,5/RU1/RE1/RS10
	Quality level 2	GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 3	GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 4 (high)	GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
Rating	Meets quality level 4 requirements through GISCODE D1 and EMICODE EC1^{PLUS}.	
Exceptions	<p>Exceptions to the requirements may be granted in cases where one of the specified product requirements cannot be met for technical or functional reasons (i.e. due to the absence of a functionally equivalent product or a design alternative meeting the requirements) or where the basic data cannot be prepared for a reasonable outlay. The deviation from the requirements shall be documented and justified, with details provided of the product, technical application and quantities used. Product exceptions for purely aesthetic reasons are excluded from this provision. Evidence may, for example, be provided by an up-to-date confirmation by at least three market-relevant manufacturers that no suitable product is available for the targeted quality level, or through proof that use of the suitable product was not technically feasible due to force majeure (weather conditions, natural factors such as hydrostatic pressure in subsoil). The evidence provided for a technical exception may only relate to a single quality level and allows no exemption from compliance with any requirements specified for the lower quality levels. Should it be impossible to comply with the requirement of a lower quality level, for technical reasons, this must be consistently indicated in all three submitted manufacturer confirmations relating to the technical exception.</p>	

2012 version (2013 upgrade)

Criterion	ENV1.2 Local Environmental Impact	
Criteria matrix	Line 7	
Product type	Laying material – Primer	
Requirements	Quality level 1 (low)	GISCODE D1/RU0,5/RU1/RE1/RS10
	Quality level 2	GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 3	GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 4 (high)	GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
Rating	Meets quality level 4 requirements through GISCODE D1 and EMICODE EC1^{PLUS}.	
Exceptions	<p>Exceptions to the requirements may be granted in cases where one of the specified product requirements cannot be met for technical or functional reasons (i.e. due to the absence of a functionally equivalent product or a design alternative meeting the requirements) or where the basic data cannot be prepared for a reasonable outlay. The deviation from the requirements shall be documented and justified, with details provided of the product, technical application and quantities used. Product exceptions for purely aesthetic reasons are excluded from this provision. Evidence may, for example, be provided by an up-to-date confirmation by at least two market-relevant manufacturers that no suitable product is available for the targeted quality level, or through proof that use of the suitable product was not technically feasible due to force majeure (weather conditions, natural factors such as hydrostatic pressure in subsoil). The evidence provided for a technical exception may only relate to a single quality level and allows no exemption from compliance with any requirements specified for the lower quality levels.</p>	

2009 version	
Profile	06 Local Environmental Impact
Product type	Product for surface coverings
Requirements	Quality level 1 (low) VOC content ≤ 25 %
	Quality level 2 VOC content ≤ 15 % and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 3 VOC content ≤ 10 % and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 4 (high) VOC content ≤ 3 % and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
Rating	Meets quality level 4 requirements through VOC content ≤ 3 % and EMICODE EC1^{PLUS}.
Exceptions	Exceptions to the requirements may be granted in cases where one of the specified product requirements cannot be met for technical or functional reasons (i.e. due to the absence of a functionally equivalent product or a design alternative meeting the requirements) or where the basic data cannot be prepared for a reasonable outlay. The deviation from the requirements shall be documented and justified, with details provided of the product, technical application and quantities used. Product exceptions for purely aesthetic reasons are excluded from this provision.

BNB · German Assessment System for Sustainable Building

2015 version	
Criterion	1.1.6 Local Environmental Impact
Summary table	Line 10a
Product type	Laying material for ceramic wall/floor tiles – Primer
Requirements	Quality level 1 (low) Documentation
	Quality level 2 GISCODE D1/RU0,5/RU1/RE1/RS10
	Quality level 3 GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R
	Quality level 4 GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 5 (high) GISCODE D1/RU0,5/RU1/RE1/RS10 and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
Rating	Meets quality level 5 requirements through GISCODE D1 and EMICODE EC1^{PLUS}.
Exceptions	Exceptions to the requirements may be granted in cases where one of the specified product requirements cannot be met for technical or functional reasons (i.e. due to the absence of a functionally equivalent product or a design alternative meeting the requirements). The deviation from the requirements shall be documented and justified, with details provided of the product, technical application and quantities used. Product exceptions for purely aesthetic reasons are excluded from this provision.

2011 version	
Criterion	1.1.6 Local Environmental Impact
Product type	Product for surface coverings
Requirements	Quality level 1 (low) Documentation
	Quality level 2 VOC content ≤ 25 %
	Quality level 3 VOC content ≤ 15 % and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 4 VOC content ≤ 10 % and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
	Quality level 5 (high) VOC content ≤ 3 % and EMICODE EC1/EC1R/EC1 ^{PLUS} /EC1 ^{PLUS} R or RAL-UZ 113
Rating	Meets quality level 5 requirements through VOC content ≤ 3 % and EMICODE EC1^{PLUS}.
Exceptions	Exceptions to the requirements may be granted in cases where one of the specified product requirements cannot be met for technical or functional reasons (i.e. due to the absence of a functionally equivalent product or a design alternative meeting the requirements) or where the basic data cannot be prepared for a reasonable outlay. The deviation from the requirements shall be documented and justified, with details provided of the product, technical application and quantities used. Product exceptions for purely aesthetic reasons are excluded from this provision.

NaWoh · Quality Label for Sustainable Housing

2013 version (V 3.0)

Criterion	3.2.4 Avoidance of contaminants
Indicator	Avoidance of contaminants
Product type	Product for surface coverings
Requirements	VOC content ≤ 15 %
Rating	Meets requirements through VOC content ≤ 15 %.

BNK · German Assessment System for Sustainable Small-Scale Residential Developments

2015 version

Criterion	1.1.1 Occupant health: Indoor air hygiene
Requirements	Documentation and specification of VOC emissions
Rating	Meets requirements through EMICODE EC1 ^{PLUS} .

NBBW · Sustainable Construction in German Federal State of Baden-Württemberg

2011 version

Sustainability criterion	4 Physiologically harmless and environmentally compatible construction materials
Rating	Product cannot be allocated to any specified product type.
Exceptions	Deviations from the individual requirements for the sustainability criteria are allowable in duly justified exceptional cases, provided such requirements are not prescribed by law. The deviations shall be presented and justified, in no specific form, in writing.

HafenCity Ecolabel · Sustainable Construction in HafenCity Hamburg

2010 version

Category	3 Use of eco-efficient construction materials
Product type	Product for surface coverings
Requirements	Special attainments – silver VOC content ≤ 15 % Extraordinary attainments – gold VOC content ≤ 15 %
Rating	Meets requirements for extraordinary attainments – gold through VOC content ≤ 15 %.
Exceptions	Exceptions to the requirements may be granted in cases where one of the product requirements cannot be met. The deviation from the requirements shall be documented and justified, with details provided of the product, technical application and quantities used. Exceptions are only possible where evidence is provided that no design alternative can meet the requirements or that no functionally equivalent products are obtainable on the market for a reasonable outlay. Exceptions justified by purely aesthetic reasons are excluded from this provision.

SNBS · Standard for Sustainable Construction in Switzerland

2016 version (V 2.0)

Criterion	303.3 Environment-, disposal- and health-relevant ingredients
Measurement parameter	4 Solvent emissions from construction and ancillary materials
Requirements	No application of solvent-thinned products in heated interiors. Following products meet criteria: Laying materials with EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R label; construction materials with Eco product rating eco-1, eco-2 or basis.
Rating	Meets requirements through EMICODE EC1 ^{PLUS} and eco-1.

SWISS MINERGIE-ECO LABEL

2016 version (V 1.3)

Criterion	NA exclusion criterion
Criteria matrix	NA1.050 Solvent emissions from construction and ancillary materials
Requirements	Excluded: Application of solvent-thinned products in heated interiors. Following products meet criteria: Laying materials with EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R label; construction materials with Eco product rating eco-1, eco-2 or basis.
Rating	Meets requirements through EMICODE EC1^{PLUS} and eco-1.

Criterion	NI Indoor environmental conditions
Criteria matrix	NI5.050 Construction product label
Requirements	EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R
Rating	Meets requirements through EMICODE EC1^{PLUS}.

2015 ECO-BKP guidance papers	281 Floor finishes
Product type	Primer
Requirements	EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R or solvent-free or water-thinnable
Rating	Meets requirements through EMICODE EC1^{PLUS}.

2014 version (with 2015 additions)

Criterion	NA exclusion criterion
Criteria matrix	NA 08 Solvent emissions from construction and ancillary materials
Requirements	No application of solvent-thinned products in heated interiors. Laying materials with the EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R label meet the criterion.
Rating	Meets requirements through EMICODE EC1^{PLUS}.

Criterion	NM Materials and construction processes
Criteria matrix	NM 06 Construction product label for floor covering adhesives
Requirements	EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R
Rating	Meets requirements through EMICODE EC1^{PLUS}.

2015 ECO-BKP guidance papers	281 Floor finishes
Product type	Primer
Requirements	EMICODE EC1/EC1 R/EC1 ^{PLUS} /EC1 ^{PLUS} R or solvent-free or water-thinnable
Rating	Meets requirements through EMICODE EC1^{PLUS}.

LEED · Leadership in Energy and Environmental Design

2014 version (v4)

Credit	MR: Building product disclosure and optimization – environmental product declarations	
Requirements	1–2 points	Existence of EPD (environmental product declaration) to ISO 14025/14040/14044 and EN 15804 or ISO 21930 – at least "cradle-to-gate" life cycle assessment
Rating	Does not meet requirements.	
Credit	EQ: Low-emitting materials	
Product type	Wet-applied product	
Requirements	1–3 points	Pass in AgBB (German Committee for Health-Related Evaluation of Building Products) test and compliance with Paints Directive (2004/42/EC).
Rating	Meets requirements as EMICODE EC1^{PLUS} is better than AgBB test pass and product does not fall under Paints Directive.	

2009 version (2013 update)

Credit	MR 4: Recycled content	
Requirements	1 point	10% recycled content (by weight)
	2 points	20% recycled content (by weight)
Rating	—	
Credit	MR 5: Regional materials	
Requirements	1 point	10% regional materials (Manufacturing location is at max. distance of 800 km from construction site)
	2 points	20% regional materials (Manufacturing location is at max. distance of 800 km from construction site)
Rating	Manufacturing location is Wiesbaden, Germany.	
Credit	IEQ 4.1: Low-emitting materials – adhesives and sealants	
Product type	Architectural sealant primer – nonporous	
Requirements	VOC content (without water)	Max. 250 g/ltr
Rating	Meets requirements through VOC content 0 g/ltr.	

BREEAM · Building Research Establishment Environmental Assessment Methodology

2013 version (2014)

For further details, please contact our sustainability experts by phone on +49 (0)6 11 17 07-293 or by e-mail at nachhaltigkeit@sopro.com.

Further information

INGREDIENTS

CAS numbers	2634-33-5 55965-84-9	1,2-benzisothiazol-3(2H)-one Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one
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PRECAUTIONARY STATEMENTS

Labelling	<p>Not classified as dangerous under Regulation (EC) No 1272/2008 (CLP). All standard precautions for the handling of construction materials/chemicals shall be taken.</p> <p>EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. EUH208 Contains a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one in proportions 3:1. May produce an allergic reaction. Avoid contact with skin. EUH210 Safety data sheet available on request.</p> <p>Precautionary statements: P102 Keep out of reach of children. P332+P313 If skin irritation occurs: Get medical advice/attention.</p>
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GISCODE	D1 · Solvent-free dispersion-based floorlaying materials
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German Water Hazard Class (WGK)	WGK 1 · Slightly hazardous to water
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PUBLIC-SECTOR REGULATIONS

Test certificates	<p>Technische Universität München:</p> <ul style="list-style-type: none">– National test certificate (abP) based on system test under PG-AIV (Criteria for Award of National Test Certificates for Waterproof Membranes Used in Conjunction with Tile Coverings) in conjunction with Sopro DSF 523, Sopro DSF 623, Sopro DSF 423, Sopro TDS 823, Sopro FDF, Sopro tile adhesives and other Sopro components– Test report: Sopro GD 749 primer in conjunction with Sopro DSF 523, Sopro DSF 623, Sopro TDS 823 and Sopro tile adhesives meets requirements to DIN EN 14891, including those for tensile adhesion strength after storage in chlorinated water <p>European technical approval:</p> <ul style="list-style-type: none">– System component of ETA no. 13/0154 under ETAG 022 Part 2
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Ü/CE mark	—
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CORPORATE SUSTAINABLE RESPONSIBILITY

Guiding principle	<p>Sustainability is a cornerstone in Sopro Bauchemie's corporate philosophy. This is always understood by the company as the simultaneous pursuit, with equal priority, of environmental, social and economic goals.</p>
Engagement in sustainability (memberships)	<p>EUf · Federation of European Tile Fixers' Associations GEV · German Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials DGNB · German Sustainable Building Council MINERGIE · Swiss Association for Sustainable Construction Umweltallianz Hessen · Hessian Environmental Alliance, seminal project initiated by the Hessian Federal State government Ökoprofit-Klub · Environmental counselling scheme for companies in the Hessian Federal State capital of Wiesbaden Deutsche Bauchemie e.V. · German Construction Chemicals Manufacturers' Association</p>
Quality management	Certified to DIN EN ISO 9001
Energy management	Certified to DIN EN ISO 50001

DOCUMENTATION

Technical data sheet
Safety data sheet
Sustainability data sheet
All documents are available for downloading at www.sopro.com.
For further details, please contact our sustainability counselling service on +49 (0)6 11 17 07-293.

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