

SWISS MADE

WPL | ORIGIN

SPEC SHEET

COLLECTION COLORS

— SNOW



— BEACH



— ROCK



— SUNSHINE



— MOON



— VOLCANO



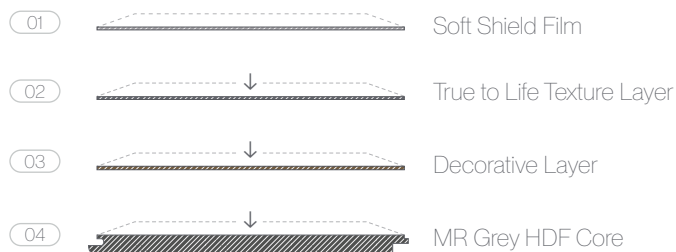
— DUNE



Moon → Graphic Variation > V3



STRUCTURE



SPECS



ACCESSORIES



Flush stair nose square
(FSN)



Reducer
(RD)



T-Molding
(TM)

UNDERFLOOR HEATING

Kronoswiss Floor can be installed without problems over hot water underfloor heating systems. However, according to information available to us, the installation of Kronoswiss Floor on electric underfloor heating systems should be avoided. Our Laminated Flooring has a favorable thermal resistance for the economical operation of your underfloor heating. Because of the natural warmth of Kronoswiss Floor, it is also possible to switch off heating earlier during transitional periods. Underfloor heating means lower heating costs. It also means that you can achieve a more even surface temperature. For efficient heating in a room the thermal resistance of the floor should not be higher than 0,15 m²K/W. Kronoswiss Floor has a thermal resistance rating of between 0.05 - 0.10 m² K/W - If more heat than 65 W/m² is required we suggest to use additional heating appliances.

All in all, Laminate Flooring is ideally suitable for use with your underfloor heating system. However, please take careful note of the following installing instructions;

Screeds must be installed in accordance with industry standards. All mineral sub-floors must be heated before the installation of laminated floors, so that no more harmful moisture can be released. This heating process is required throughout all the seasons. Cement screeds can be heated three weeks after installation, anhydrite screeds after just one week.

The temperature must be raised by increments of 5°C/9°F per day until the maximum heating output is reached. This is also important for all the following heating periods. The time you have to maintain the maximum heating by running full load depends on type and thickness of the screed.

Cement screed:	per cm screed thickness	1 day
Anhydrite screed:	per cm screed thickness	2 days

After this full load heating phase the temperature has to be decreased by reductions of 5°C/9°F per day. For reasons of security it is necessary to repeat the procedure of heating the screed.

If the heating and cooling procedure is carried out by the heating installation contractor he should automatically compile and submit a heating report. Questions should always be raised if this report is missing.

Before the installation, moisture should be tested with CM-machines at the points marked by the screed installers and the heating installation contractors. The permissible moisture for cement screed is max. 1.8 CM-% and for a anhydrite screed max. 0.3 CM-%.

Important: to test the dryness of the screed bedding, lay out several pieces of PE foil (ca. 50 x 50 cm/20 x 20") and seal off the edges. If no condensation has collected, it is clear that the screed is dry and the installation process can be started. The temperature of the underfloor heating system could be raised again progressively to the required output 24 hours after the laminate floor is installed.

Note: This also applies for the beginning of each heating period.

And please note one further fundamental rule:

The surface temperature of your laminated floor covering should not exceed 26°C/79°F. An ideal climate during the heating period is a temperature of 20 - 22°C/68 - 72°F and a humidity of 50 - 60%.

Please note: it is imperative that a non-pervious building foil with a thickness of at least 0,2mm is laid over the whole surface. The chosen footstep sound insulation can now be laid on the building foil. If it is not possible to maintain a constant room temperature, a slight opening of joints may occur. This joint opening is not a defect, it is a consequence of the natural properties of wood and wood products. This should be borne in mind particularly during changes of climate.

The recommendations and information given in this Product Sheet are to the best of our knowledge in keeping with the present state of the art. However, they are intended purely for information purposes and as noncommittal guide-lines. As such they cannot constitute grounds for any claim under warranty.

HEATING PROTOCOL

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HEATING PROTOCOL

Premises:

On _____ the screed work was completed.

There is a _____ screed

Average thickness of this screed is _____ cm

On _____ the under - floor heating below the floor construction was switched on and heating temperature increased at the rate of 5°C per day The maximum achieved lead temperature was _____ °C

This maximum temperature was maintained for _____ days without any reduction during the night periods

From _____ to _____ the temperature was reduced by 5°C/day

From _____ to _____ the heating was left switched off

On _____ the under-floor heating below the floor construction was again switched on an increased at the rate of 5°C/day until a maximum lead temperature of _____ °C was achieved.

This maximum temperature was maintained constantly for _____ hours

On _____ the temperature was reduced each day by 10°C maximum and then maintained at 15 - 18°C for the laying of Kronoswiss Floors.

Were the rooms ventilated and drafts avoided during the heating up and the cooling down periods?

YES / NO

Were the heated surfaces free from building materials and other covering materials?

YES / NO

Confirmation

For the Builder / Client:

(Place/Date)

(Stamp / Signature)

For the Architects:

(Place/Date)

(Stamp / Signature)

For the Heating & Ventilating Engineers:

(Place/Date)

(Stamp / Signature)

72H SPILL-PROTECTION GUARANTEE

Grand Selection ORIGIN AquaStop72 by KronoSwiss will resist everyday topical moisture due to residential cleaning or common liquid spills that are completely dry within a seventytwo (72) hour period.

When replacement of the flooring is made, only new panels from the current product range at the time the complaint is upheld will be supplied by the distributor or retailer. There will be no other form of compensation. Responsibility under this warranty only applies to hidden defects.

This warranty does not apply to Grand Selection ORIGIN AquaStop72 flooring that has been put to abnormal use or conditions or abused in any way. "Abnormal use or conditions" includes, damage from smoke, fire, acts of god or other casualty events; damage caused by negligence, improper alterations of the original manufactured product. "Abuse" is any use of the flooring that is unreasonable considering the normal and expected uses of Grand Selection ORIGIN AquaStop72 flooring in a commercial environment. The damage to the product must be evident, measuring, per product unit (panel, accessory, etc.) at least 1.40 square centimeter or 0.5 square inch, and must not be the result of abusive, abnormal conditions or accidents, such as but not limited to, damage of mechanical nature, severe impact or scratches (caused by dragging objects or furniture) or cutting.

This warranty does not apply to damage from exposure to extreme heat, dryness, or stains as a result of chemical or industrial products (other than recommended cleaning products). The floor may not be installed in damp and/or humid areas, in extremely dry areas or areas where there are extremely high temperatures (such as saunas or swimming pool areas).

Grand Selection ORIGIN AquaStop72 flooring is not a %100 waterproof product and might be slightly damaged by contact with water sporadically throughout the length of its warranty. It's to be considered that prolonged exposure to liquids may create mildew and mold which will annulled the warranty. This warranty excludes damage caused by natural disasters (i.e. floods), naturally occurring conditions/accidents (i.e. appliance and plumbing failures), urine or standing water. Flooring panels or accessories must be checked carefully for material defects before and during installation and under sufficient lighting. Products with visible defects must not be installed under any circumstances. The distributor or retailer must be informed in writing of such defects within 15 days. After this time has elapsed, no further complaints will be accepted. Color and gloss issues resulting from material added to an existing installation at a later date and non-warranty repairs are excluded from coverage. When using a calcium chloride moisture test for concrete subfloors, values must be $\leq 5 \text{ lbs}/1000\text{ft}^2/24 - \text{hr}$ or $<80\%$ with an in situ probe.

Warranty will not be valid if product is installed outdoor.

ABRASION-RESISTANCE GUARANTEE

Swiss Krono AG grants to purchasers of Grand Selection ORIGIN AquaStop72 by KronoSwiss, valid from date of purchase, an additional warranty on the abrasion resistance of the surface of Kronoswiss laminate flooring. This warranty is in accordance with the following provisions. Your normal statutory rights are not affected:

WARRANTY CONDITIONS

Kronoswiss laminate flooring needs to be, both before and during its installation, checked fully for any kind of defects. Once installed, the flooring panels are deemed to be of an acceptable quality. Kronoswiss laminate flooring has to be installed in an expert manner, according to the installation instructions, in a dry area in accordance with its respective Utility Category. If installed in damp rooms Kronoswiss laminate floor is not covered by the warranty. Affected areas on Kronoswiss laminate floors have to be of an area that is at least 1 cm², and easy to identify. In particular, where the decorative layer has been rubbed off completely. Effected areas on the Plank edges caused either by inappropriate use or maintenance, or especially mechanical stress are not covered by the warranty. To make a claim under the Warranty, Kronoswiss laminate flooring must have been treated according to the care instructions and regularly cleaned and maintained. Any warranty claims are to be submitted by the very latest within 30 days of the occurrence being noticed. This must be done in writing with the original proof of purchase. In order to assess the warranty claim, Swiss Krono AG shall have the right to inspect the affected area on site.

WARRANTIES

Once the claim on the warranty is accepted, Swiss Krono AG undertakes to offer replacement material for the effected area. If the affected flooring is no longer available, the buyer may select a substitute equivalent product from the current range of Swiss Krono. Given that there is an annual 10% use-related depreciation of the Kronoswiss Laminate Flooring, Swiss Krono AG will make the replacement of material, based on the corresponding annually reduced amount of the affected area. Aliability for further or associated cost and damages, especially consequential-as with the installation, removal, transportation, and disposal of damaged flooring panels etc. - is excluded. This also applies to damages or compensation of any kind.





























Should there be a valid claim made under the warranty, the warranty period will not be extended.

Core board	Abrasion class	Residential Warranty	Commercial Warranty
HDF AquaStop72	AC5 / Cl. 33	Limited / Lifetime*	10 Years*
	Commercial Grade		

*against wear through to the image layer & fading under artificial light or sunlight

GRAND SELECTION ORIGIN

Laminate floor covering for heavy use in commercial applications
(AC5 / 33)

Characteristics	<p>Attractive: Based on the solid, rustic floor of real wood, the 14mm GRAND SELECTION ORIGIN resembles the original so close that even experts hardly can tell the difference.</p> <p>Innovative: Looks and feels like a precious hardwood floor – unrivalled in depth and precision of how the structure meets perfectly with the decor.</p> <p>Healthy: Produced to strict European standards. For a healthy living, emissions are as low as you would expect from wood in its natural state.</p> <p>Ecological: Wood from local sources – produced at the most modern, environmental friendly production facility of its kind.</p> <p>Robust: Superior abrasion, scratch- & impact resistance (AC5/33), as well as colourfast (anti-fade) & anti-static properties.</p>																		
Technical classification	<p>Laminate floor covering according to EN 13329 High Density Fibreboard (HDF) Declaration of Performance (EN 14041): www.swisskrono.ch/dop/</p>																		
Use	<p>Floorcovering for indoor use</p> <table border="1"> <thead> <tr> <th></th><th colspan="3">Levels of use</th></tr> <tr> <th></th><th>Moderate</th><th>General</th><th>Heavy</th></tr> </thead> <tbody> <tr> <td>Domestic</td><td>  AC 1 / Cl. 21 Bed-, guestrooms </td><td>  AC 2 / Cl. 22 Living-, dining rooms </td><td>  AC 3 / Cl. 23 Kitchen, entrance halls </td></tr> <tr> <td>Commercial</td><td>  AC 3 / Cl. 31 Hotel rooms, small offices </td><td>  AC 4 / Cl. 32 Offices, boutiques </td><td>  AC 5 / Cl. 33 Stores, corridors </td></tr> </tbody> </table>				Levels of use				Moderate	General	Heavy	Domestic	 AC 1 / Cl. 21 Bed-, guestrooms	 AC 2 / Cl. 22 Living-, dining rooms	 AC 3 / Cl. 23 Kitchen, entrance halls	Commercial	 AC 3 / Cl. 31 Hotel rooms, small offices	 AC 4 / Cl. 32 Offices, boutiques	 AC 5 / Cl. 33 Stores, corridors
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Properties	<div>  <p>Slip resistant surface structure</p> </div> <div>  <p>Floor heating approved (H₂O)</p> </div> <div>  <p>4 sided V-groove</p> </div>																		
Warranty and maintenance	<p>Residential warranty: 35 years Commercial warranty: 5 years</p> <p>Warranty conditions : www.swisskrono.ch/en/products/flooring/your-guarantee.html</p> <p>Care and maintenance: www.eplf.com/en/laminate/infomaterial.html</p>																		
Certificates / Labels	<div>  <p>Swiss Made Swiss Quality</p> </div> <div>  <p>Quality and Environment Management</p> </div> <div>  <p>CO₂- reduced fabrication</p> </div> <div>  <p>Swiss Wood</p> </div> <div>  <p>Sustainable forest management (certificates can be provided upon request)</p> </div> <div>  <p>The Mark of responsible forestry FSC® C014686 Ask for FSC® certified products</p> </div> <div>  <p>European producers of laminate floorings</p> </div>																		

Product range and technical specifications

Product Specifications

Panel dimensions:	2025 x 244 x 14 mm 79.72 x 9.6 x 0.67 in
1 Box contains:	3 Panels total 1.48 m ² / 21 kg 15.96 sqft / 41.89 lbs
Characteristics of surface	Antistatic and Antiscratch

Technical Specifications

General characteristics

Level of use class	33	Heavy use in commercial applications	EN 13329
Abrasion resistance	AC 5	IP ≥ 6000 Revolutions	EN 13329
Impact resistance	IC 3	High resistance with both small and large steel ball	EN 13329
Reaction to fire	C _{fi} -s1	Flame-retardant, no/low smoke emission	EN 13501-1
Thickness swelling	≤ 8 %	24 hours in water bath of 20°C	EN 13329
Total Volatile Organic Compounds after 28 days	< 100 µg/m ³	TVOC _{28d} limit for indoor use: < 1000 µg/m ³	ISO 16000
Formaldehyde emission	≤ 0.1 ppm ≤ 0.11 ppm	E1 ≤ 0.1 ppm CARB II ≤ 0.11 ppm	EN 717-1 ASTM E 1333

Physical characteristics

Surface soundness	≥ 1.25 N/mm ²	Strength of bonding between coating material and underlying panel	EN 13329
Static electrical propensity	≤ 2 kV	No electrostatic charge in dry room conditions (22 % rel. moisture)	EN 1815
Static indentation		≤ 0.01 mm indentation using a straight steel cylinder of 11.3 mm diameter	EN 13329 EN 433
Thermal resistance	0.089 (m ² K)/W	Suitable for warm water subfloor heating	EN 12667
Slip resistance	DS	Slip resistant (DS) if coefficient ≥ 0.3	EN 14041
Effect of a furniture leg	No damage	Tested with foot type 0	EN 13329 EN 424
Effect of a castor chair	No damage	25'000 cycles without any damage	EN 13329 EN 425
Resistance to staining	Level 5 Level 4	No visible change (group 1 Aceton and 2 Coffee), light change in group 3 (strong acids)	EN 13329 EN 428-2.26
Light fastness	≥ 6	Blue wool scale: change of colour with method of grey scale	EN 20105-B02
Micro-scratch resistance	MSR-A2	Gloss change 10% – 30% (Martindale Test)	EN 16094

Tolerances

Thickness of the element, <i>t</i>	14 mm	$\Delta t_{\text{average}} \leq 0.50 \text{ mm} \mid t_{\text{max}} - t_{\text{min}} \leq 0.50 \text{ mm}$	EN 13329
Length of the surface layer, <i>l</i>	2025 mm	$\Delta l \leq 0.61 \text{ mm}$	EN 13329
Width of the surface layer, <i>w</i>	244 mm	$\Delta w_{\text{average}} \leq 0.10 \text{ mm} \mid w_{\text{max}} - w_{\text{min}} \leq 0.20 \text{ mm}$	EN 13329
Squareness of the element, <i>q</i>		$q_{\text{max}} \leq 0.20 \text{ mm}$	EN 13329
Straightness of surface layer, <i>s</i>		$s_{\text{max}} \leq 0.30 \text{ mm/m}$	EN 13329
Flatness of the element, <i>f</i> Maximum single values		Width: $f_{w, \text{concave}} \leq 0.15 \% \mid f_{w, \text{convex}} \leq 0.20 \%$ Length: $f_{l, \text{concave}} \leq 0.50 \% \mid f_{l, \text{convex}} \leq 1.00 \%$	EN 13329
Openings between elements, <i>o</i>		$o_{\text{average}} \leq 0.15 \text{ mm} \mid o_{\text{max}} \leq 0.20 \text{ mm}$	EN 13329
Height diff. between element, <i>h</i>		$h_{\text{average}} \leq 0.10 \text{ mm} \mid h_{\text{max}} \leq 0.15 \text{ mm}$	EN 13329
Dimensional variations after changes in relative humidity, δ		Width: $\delta_{w, \text{average}} \leq 0.9 \text{ mm}$ Length: $\delta_{l, \text{average}} \leq 0.9 \text{ mm}$	EN 13329

Ecological characteristics

Energy and Content Swiss Product declaration	Renewable energy > 90 % wood fibre ~80 %, Swiss wood UF adhesive ~15 % no post-consumer recycled content no chlorides and no biocides heavy metal free coating	SIA 493.05
Disposal	Thermal / energetic recovery	

VOC TEST

CS Global Services does hereby certify that an independent assessment has been conducted on behalf of:



For the following product(s):

Laminate:

BestValue up to 8.0mm PDL (EN15486), Grand Selection up to 14.0mm DPL (EN13329), Helvetic Floors Collection DPL up to 12.0mm (EN13329), Swiss Floor Collection up to 12.0mm DPL (EN13329)

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

FloorScore®

Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0

Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring.

Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m³ (in compliance with CDPH/EHLB Standard Method v1.2-2017)

Registration # SCS-FS-04446

Valid from: March 31, 2017 to December 31, 2017

SCS Global Services is currently the only certification body approved by the Resilient Floor Covering Institute (RFCI) to provide FloorScore® product certification; certified products are only listed on the SCS Green Products Guide, <http://www.scsglobalservices.com/certified-green-products-guide>.



A handwritten signature in black ink that reads "Stanley Mathuram".

Stanley Mathuram, PE, Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

ATTACHED CERTIFICATES



SCS CERTIFICATION LABELING AND LANGUAGE GUIDE

Guide E

**SCS Global Services
2000 Powell Street, STE 600
Emeryville, CA 94608
www.SCSglobalServices.com**

TABLE OF CONTENTS

1. Congratulations and Welcome	1
1.1. Advancing the Cause of Sustainability	1
1.2. This Document	1
1.3. Take Advantage of SCS' Market Support Services	1
1.4. Language	1
1.5. Questions?	1
2. General Guidance	2
2.1. SCS Prior Review	2
2.2. Avoiding Misuse	2
3. Specific Guidance For Use of the SCS Kingfisher Certification Mark	3
3.1. Issuance of the SCS-Approved Certification Mark	3
3.2. Components of the SCS-Approved Certification Mark	3
3.3. Color Reproduction and Color Profiles	3
3.4. Clear Space Requirements	3
3.5. Minimum Size	3
3.6. Infringements and Unacceptable Uses	3
3.7. Requirements of the Certification Scheme Owner	4
3.8. Use of the SCS-Approved Certification Marks by Your Supply Chain Partners	4
3.9. Use of the SCS-Approved Certification Marks for Products that are Ingredients or Components	4
4. SCS Certification Messaging	5
4.1. About SCS	5
4.2. Tell the SCS Kingfisher Story	5
4.3. About Your SCS Certification	5
5. Contact Us for Assistance	6
Appendix 1. Specific Certification Marks by Program	
Appendix 2. Specific Approved Uses of the Mark by Program	
Appendix 3. Certification Program Marketing Messages	

SCS reserves the right to update this Guide at its sole discretion.

1. CONGRATULATIONS AND WELCOME!

1.1. Advancing the Cause of Sustainability

Congratulations on your certification! Through your efforts, you have joined other business and organizations around the world working to provide products and services that meet the highest environmental, social, and quality standards.

1.2. This Document

This document is your guide to the use of SCS-Approved Certification Marks, the SCS name, and messaging pertaining to your SCS certification. Adherence to these requirements will ensure consistent and correct usage, and support your goals.

This document should be distributed to all marketing, communications, and other staff and contractors who are responsible for providing information about your company's SCS certification on product labels, printed brochures, sales sheets, and other collateral or promotional materials as well as for advertising, press releases, websites, social media communications, published reports, articles, signs or any other communications.

1.3. Take Advantage of SCS' Market Support Services

In addition to using the SCS-Approved Certification Marks, ask your SCS marketing communications representative how you can take advantage of SCS' full suite of market support services, which include:

- Promotion of your certification on SCS website
- Web copy and image support
- Press release, article and blog support
- Collateral development and review
- Video support
- Label review and approval
- Social media promotions
- Conference and presentation support
- Label design
- Trade show material review
- Client / customer notifications
- Stakeholder notifications
- Advertising
- Custom projects
- Training and webinars for sales staff

1.4. Language

All SCS-Approved Certification Marks can be translated upon request into Spanish, French, Portuguese, German, and Mandarin. Contact your SCS representative for further translation support.

1.5. Questions?

Questions related to any of the information contained in this Guide should be addressed to your Marketing Communications or program representative, as listed in Section 5 of this document.

2. GENERAL GUIDANCE

2.1. SCS Prior Review

All uses of the SCS name or SCS-Approved Certification marks, including but not limited to registered trademarks and service marks, or written references to your SCS certification in printed or electronic promotional applications, must be submitted to your SCS program contact for review prior to publication, printing or other uses. This requirement is also stated in the SCS Professional Services Agreement. SCS staff will make every effort to respond to authorization requests within 24-72 hours.

2.2. Avoiding Misuse

It is your responsibility to avoid the use of any reference to SCS or your certification that mischaracterizes the evaluation conducted or the certification granted, or in reference to products or projects that were not included within the evaluation scope. All public messages and program-approved mentions and labeling should clearly apply only to products and projects that have undergone assessment and earned certification.

- **Marketing and Public Relations**

The program participant should work closely with SCS during development of business-to-business (B2B) or business-to-consumer (B2C) uses of any SCS-Approved Certification Marks or trademarks, the SCS name, or any statements related to SCS certification to avoid accidental misuse. If possible, when interviewed for articles to be published, the company representative should refer the reporter to SCS for an independent explanation of the certification program.

- **Non-Transferability of Certification**

The SCS-Approved Certification Mark is not transferable for use by third parties without the explicit written consent of SCS.

- **U.S. Federal Trade Commission (FTC) Guidelines**

The FTC issued *Guides for the Use of Environmental Marketing Claims*, commonly known as the *Green Guides*, to help marketers avoid making environmental claims that are unfair or deceptive. These Guides are available at <https://www.ftc.gov/policy/federal-register-notices/guides-use-environmental-marketing-claims-green-guides>

- **Avoid Uses on Non-Certified Products**

Under no circumstances should an SCS-Approved Certification Mark or trademark be used in conjunction with non-certified products or projects, in any manner other than explicitly authorized by SCS in this guidance document, or otherwise authorized in writing.

- **Avoid Messages Other Than Those Approved by SCS**

Under no circumstances should an SCS-Approved Certification Mark or any messages related to SCS certification be used in a manner that suggests a meaning other than that intended and allowed by SCS as described in this Guide.

3. SPECIFIC GUIDANCE FOR USE OF SCS-APPROVED CERTIFICATION MARKS

3.1. Issuance of the SCS-Approved Certification Mark

Upon achieving certification, each participant is supplied with an SCS-Approved Certification Mark applicable to the program under which your product(s) has been certified. A library of marks by program is provided in [Appendix 1](#) ("Specific Certification Marks by Program").

Approved business-to-business (B2B) or business-to-consumer (B2C) uses of the SCS-Approved Certification Marks are determined on a program-by-program basis. Refer to [Appendix 2](#) ("Specific Approved Uses of the Marks by Program") to determine which specific uses are applicable to the certification you have earned.

3.2. Components of the SCS-Approved Certification Mark

Your SCS-Approved Certification Mark incorporates the following elements:

- The trademarked logo (graphical image and words) of the scheme owner of the program under which your product has been certified
- The approved SCS Kingfisher image
- The words "Certified by SCS Global Services" or "Verified by SCS Global Services"

The SCS-Approved Certification Mark is intended to be used in the exact format provided. However, SCS recognizes that minor modifications may occasionally be required due to space or printing constraints. Any proposed modifications to the certification mark must be submitted to SCS for prior review and approval, and must retain each of the information elements contained in the original certification mark.

3.3. Color Reproduction and Color Profiles

The SCS-Approved Certification Marks are generated in the colors dictated by the scheme owner of the program under which your product(s) has been certified and are defined in Appendix 1. For specific printing applications on dark backgrounds, alternative versions of each mark may also be available upon request.

3.4. Clear Space Requirements

To maintain the integrity and clarity of the brand, "clear space" dimensions have been established for the SCS-Approved Certification Marks. No other graphic or text element encroaches into this space, which equals 10% of the height of the mark (i.e., the mark height used in the design multiplied by 0.10).

3.5. Minimum Size

To maintain optimum clarity in reproducing SCS-Approved Certification Marks at a small size, the smallest text should in no case be reduced smaller than 4-point type. In small applications, this requirement may result in a label in which the smallest text is slightly out of proportion to the original file (i.e., slightly enlarged relative to other text).

3.6. Infringements and Unacceptable Uses

SCS-Approved Certification Marks must be reproduced consistently and correctly. Unless otherwise authorized:

- Do not alter the proportion of the mark
- Do not alter the shape of the mark
- Do not change the fonts within the mark
- Do not alter the color of the mark
- Do not edit or change the mark information
- Do not screen the mark
- Do not distort the mark
- Do not rotate the mark

3.7. Requirements of the Certification Scheme Owner

All logo use and labeling requirements of the scheme owner under which your product has been certified must be followed. Supplemental guidance documents may be provided by your SCS team as applicable, along with this Guide, to provide additional details about compliance with the program under which your product or operation is certified.

3.8. Use of the SCS-Approved Certification Marks by Your Supply Chain Partners

In some cases, your downstream supply chain partners may request use of the SCS-Approved Certification Mark. In such cases, SCS will determine whether the certification or verification scheme owner has specific chain-of-custody requirements that must be met, and will advise you accordingly.

3.9. Use of the SCS-Approved Certification Marks for Products that are Ingredients or Components

In some cases, certification will be issued to products that serve as ingredients or components to other products. In such cases, SCS will determine whether the certification or verification scheme owner has specific requirements that must be met, and will advise you accordingly.

4. SCS CERTIFICATION MESSAGING

4.1. About SCS

You may use the following statement, in whole or in part, in communications pertaining to SCS:

SCS Global Services (SCS) has been providing global leadership in third-party quality, environmental and sustainability verification, certification, auditing, testing, and standards development for three decades. Its programs span a cross-section of industries, recognizing achievements in green building, product manufacturing, food and agriculture, forestry, power generation retail, and more. SCS is accredited to provide services under a wide range of nationally and internationally recognized certification programs. Consistent with its mission, SCS is a chartered benefit corporation, reflecting its commitment to socially and environmentally responsible business practices.

4.2. Tell the SCS Kingfisher Story

You can help tell the story of the Kingfisher as part of your certification messaging. You may use any or all of the following text:

Kingfisher birds are beloved around the world, with more than 90 species occupying a wide variety of habitats. They are recognized by their large heads and long beaks, and known for their keen vision, colorful plumage, and skillful hunting. Kingfishers are widely recognized as indicators of environmental health. By the same token, they are vulnerable when their habitats are destroyed. Some species are now threatened with extinction.



Certification by SCS, as represented by the SCS Kingfisher, is a visual expression of proven commitment to sustainability through environmental stewardship, responsible resource management, and protection of people and communities.

4.3. About Your SCS Certification

Refer to [Appendix 3](#) ("Certification Program Marketing Messages") for a short statement about the program under which you have been certified.

5. CONTACT US FOR ASSISTANCE

SCS representatives are standing by to assist you. Please locate the applicable certification program below to identify your representative. If you do not see your program or representative listed, call 1-510-452-8000 for further assistance.

PROGRAM	CONTACT INFORMATION
FloorScore®	ECsmarcom@scsglobalservices.com
Green Squared®	ECsmarcom@scsglobalservices.com
Facts ^{CM} Compliant	ECsmarcom@scsglobalservices.com

Appendix 1

Specific Certification Marks by Program

Examples of the SCS-Approved Certification Mark for each program relevant to this Mark E Guide are shown below.

FloorScore®



Color profile: Green: PMS 348c, C100 M0 Y85 K24, R0 G135 B82; Blue: PMS 653c, C100 M62 Y0 K20, R0 G82 B149; Black

Green Squared®



Color profile: Dark Green: PMS 349c, C100 M0 Y91 K42, R0 G112 B60; Green: PMS 361c, C69 M0 Y100 K0, R84 G185 B72; Yellow: PMS 116c, C0 M16 Y100 K0, R255, G210, B0; Black

Facts^{CM} Compliant



Color profile: Black and white only

Appendix 2

Specific Approved Uses of the Mark by Program

The following table provides a summary of the specific approved uses of the SCS-Approved Certification Mark by program. ***Consistent with the terms of the SCS Professional Service Agreement, all uses of the mark are required to be submitted to SCS for prior approval.***

If you do not see your program listed, or have additional questions about these permitted uses, contact your program representative, as listed in the table in Section 5 of this document.

PROGRAM	B2B*	B2C**	ON-PRODUCT	OFF-PRODUCT	ONLINE	COBRANDING
FloorScore®	Yes	Yes	Yes	Yes	Yes	Yes
Green Squared®	Yes	Yes	Yes	Yes	Yes	Yes
Facts ^{CM} Compliant	Yes	No	Yes	Yes	Yes	Yes

* B2B: Communications targeted toward Business Customers ** B2C: Communications targeted toward General Consumers

Appendix 3

Certification Program Marketing Messages

The following table provides a short certification marketing message applicable to each certification program covered by this Guide. You may use the program statement(s) applicable to your SCS certifications in your marketing messages. If you have additional questions about these messages, contact your program representative, as listed in the table in Section 5 of this document.

PROGRAM	CERTIFICATION MESSAGE
FloorScore®	FloorScore® is a certification program established by the Resilient Floor Covering Institute (RFCI) for hard surface flooring and flooring adhesives products that meet strict indoor air quality (IAQ) requirements. Products bearing the FloorScore label meet the indoor air quality emissions criteria of LEED, CHPS, the Green Guide for Health Care, and are recognized by a long list of healthy building programs.
Green Squared®	The Green Squared® standard, established by the Tile Council of North America (TCNA) under ANSI A138.1, is available to manufacturers of ceramic and glass tiles and a wide range of tile installation materials. Certification to this standard demonstrates proven environmental performance under five key sustainability criteria: 1) Product characteristics; 2) Manufacturing and raw material extraction; 3) End of product life management; 4) Progressive corporate governance; and 5) Innovation.
Facts ^{CM} Compliant	Facts certification, a program of the Association for Contract Textiles (ACT), signifies that contract textile products meet benchmark standards for social, environmental and economic sustainability as defined under the NSF/ANSI 336 standard. The certification assessment evaluates manufacturing processes, end-of-life management, energy efficiency, use of environmentally preferable materials, and steps to minimize adverse public health and community impacts.

DECLARATION OF PERFORMANCE

DoP: KCH_LF_001

EN

1. Unique identification code of the product-type:

Kronoswiss Floors - Laminate Floor Coverings 6mm - 12mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Kronoswiss Floors - Laminate Floor Coverings

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use as floor covering in buildings (see EN 14041) according to the manufacturer's specifications.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Kronospan Schweiz AG | Willisauerstrasse 37 | CH-6122 Menznau | www.kronospan.ch

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

- - -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Name of the notified test laboratory, that has issued the certificate of conformity of the factory production control, inspection reports and calculation reports (if relevant).

Fraunhofer-Institut für Holzforschung WKI
NB 0765

not applicable

Notified Body

certificate of constancy of performance

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

not applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Cfl-s1	EN 14041: 2004/AC:2006
Content of Pentachlorophenol	< 5 ppm	EN 14041: 2004/AC:2006
Formaldehyd Emissions	E1	EN 14041: 2004/AC:2006
Slip resistance	DS	EN 14041: 2004/AC:2006
Electrical behavior (dissipative)	NPD	EN 14041: 2004/AC:2006
Electrical behavior (conductive)	NPD	EN 14041: 2004/AC:2006
Electrical behavior (antistatic)	NPD	EN 14041: 2004/AC:2006
Thermal conductivity [W/mK]	0.13	EN 14041: 2004/AC:2006
Water-tightness	NPD	EN 14041: 2004/AC:2006

NPD: No performance determined

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

Josef Hofer, Tech. Director

(name and function)

Menzna, 25.06.2013

(place and date of issue)



(signature)

DECLARATION OF PERFORMANCE

DoP: KCH_LFa_001

EN

1. Unique identification code of the product-type:

Kronoswiss Floors - Laminate Floor Coverings

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

SWISS-SOLIDChrome 12mm (Antistatic), SWISS-NOBLESSEStyle 8mm (Antistatic)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use as floor covering in buildings (see EN 14041) according to the manufacturer's specifications.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Kronospan Schweiz AG | Willisauerstrasse 37 | CH-6122 Menznau | www.kronospan.ch

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

- - -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Name of the notified test laboratory, that has issued the certificate of conformity of the factory production control, inspection reports and calculation reports (if relevant).

Fraunhofer-Institut für Holzforschung, WKI
NB 0765

Notified Body

not applicable

certificate of constancy of performance

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

not applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Cfl-s1	EN 14041: 2004/AC:2006
Content of Pentachlorophenol	< 5 ppm	EN 14041: 2004/AC:2006
Formaldehyd Emissions	E1	EN 14041: 2004/AC:2006
Slip resistance	DS	EN 14041: 2004/AC:2006
Electrical behavior (dissipative)	NPD	EN 14041: 2004/AC:2006
Electrical behavior (conductive)	NPD	EN 14041: 2004/AC:2006
Electrical behavior (antistatic)	< 2 kV	EN 14041: 2004/AC:2006
Thermal conductivity [W/mK]	0.13	EN 14041: 2004/AC:2006
Water-tightness	NPD	EN 14041: 2004/AC:2006

NPD: No performance determined

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

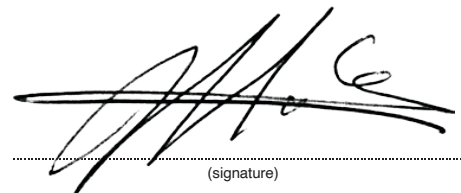
Signed for and on behalf of the manufacturer by:

Josef Hofer, Tech. Director

(name and function)

Menznau, 25.06.2013

(place and date of issue)



(signature)

DECLARATION OF PERFORMANCE

DoP: KCH_LFa_003

EN

1. Unique identification code of the product-type:

Kronoswiss Floors - Laminate Floor Coverings

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

SWISS-SOLIDChrome (Antistatic), SWISS-NOBLESSEStyle (Antistatic), Grand Selection, Königsklasse ,
SWISS-GIANT, SWISS-SYNCCHROME

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use as floor covering in buildings (see EN 14041) according to the manufacturer's specifications.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Kronospan Schweiz AG | Willisauerstrasse 37 | CH-6122 Menznau | www.kronospan.ch

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

- - -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Name of the notified test laboratory, that has issued the certificate of conformity of the factory production control, inspection reports and calculation reports (if relevant).

MPA Dresden NB 0797

not applicable

Notified Body

certificate of constancy of performance

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

not applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Cfl-s1	EN 14041: 2004/AC:2006
Content of Pentachlorophenol	< 5 ppm	EN 14041: 2004/AC:2006
Formaldehyd Emissions	E1	EN 14041: 2004/AC:2006
Slip resistance	DS	EN 14041: 2004/AC:2006
Electrical behavior (dissipative)	NPD	EN 14041: 2004/AC:2006
Electrical behavior (conductive)	NPD	EN 14041: 2004/AC:2006
Electrical behavior (antistatic)	< 2 kV	EN 14041: 2004/AC:2006
Thermal conductivity [W/mK]	0.13	EN 14041: 2004/AC:2006
Water-tightness	NPD	EN 14041: 2004/AC:2006

NPD: No performance determined

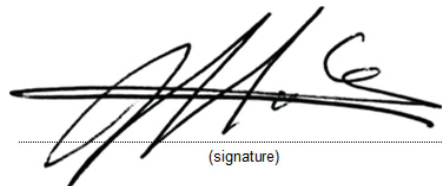
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4
Signed for and on behalf of the manufacturer by:

Josef Hofer, Tech. Director

(name and function)

Menznau, 01.01.2015

(place and date of issue)



(signature)

DECLARATION OF PERFORMANCE

DoP: KCH_MDF_001

EN

1. Unique identification code of the product-type:

swissMDF 3mm - 40mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

swissMDF

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

MDF (EN 622-5) for internal use as non-structural components in dry conditions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Kronospan Schweiz AG | Willisauerstrasse 37 | CH-6122 Menznau | www.kronospan.ch

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

- - -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 4

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Name des Prüflabors, das die Konformitätsbescheinigung der werkseigenen Produktionskontrolle, Prüfberichte und Berechnungsberichte (soweit relevant) ausgestellt hat.

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- - -

Notified Body

certificate of constancy of performance

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

not applicable

9. Declared performance

Essential characteristics	Performance							Harmonised technical specification
Thickness	>2.5-6	>6-9	>9-12	>12-19	>19-30	>30	mm	
Bending strength	23	23	22	20	18	17	N/mm ²	EN 13986: 2004
Internal Bond	0.65	0.65	0.6	0.55	0.55	0.5	N/mm ²	EN 13986: 2004
Formaldehyd Emissions	E1							EN 13986: 2004
Reaction to fire	D-s2, d0							EN 13986: 2004
Water vapour permeability	NPD							EN 13986: 2004
Airborne sound insulation	NPD							EN 13986: 2004
Sound absorption	NPD							EN 13986: 2004
Thermal conductivity	NPD						W/mK	EN 13986: 2004
Biological durability	1							EN 13986: 2004
Content of Pentachlorophenol	<5						ppm	EN 13986: 2004

NPD: No performance determined

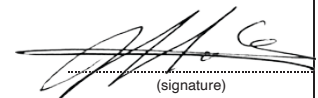
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4
Signed for and on behalf of the manufacturer by:

Josef Hofer, Tech. Director

(name and function)

Menznau, 09.07.2013

(place and date of issue)


(signature)

DECLARATION OF PERFORMANCE

DoP: KCH_MDF-SFB_001

EN

1. Unique identification code of the product-type:

Kronoswiss MDF SF-B 12mm - 25mm; flame-resistant MDF

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Kronoswiss MDF SF-B

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

MDF (EN 622-5) for internal use as non-structural components in dry conditions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Kronospan Schweiz AG; Willisauerstrasse 37; CH-6122 Menznau; www.kronospan.ch

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

- - -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Name des Prüflabors, das die Konformitätsbescheinigung der werkseigenen Produktionskontrolle, Prüfberichte und Berechnungsberichte (soweit relevant) ausgestellt hat.

Fraunhofer-Institut Für Holzforschung WKI

NB 0765

Notified Body

WKI-0765-CPR-885

certificate of constancy of performance

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

not applicable

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
	>9- 12 >12 - 19 >19 - 30 mm	
Bending strength	22 20 18 N/mm ²	EN 13986: 2004
Internal Bond	0.6 0.55 0.55 N/mm ²	EN 13986: 2004
Formaldehyd Emissions	E1	EN 13986: 2004
Reaction to fire	B-s1, d0	EN 13986: 2004
Water vapour permeability	NPD	EN 13986: 2004
Airborne sound insulation	NPD	EN 13986: 2004
Sound absorption	NPD	EN 13986: 2004
Thermal conductivity	0.12 W/mK	EN 13986: 2004
Biological durability	NPD	EN 13986: 2004
Content of Pentachlorophenol	< 5 ppm	EN 13986: 2004

NPD: No performance determined

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

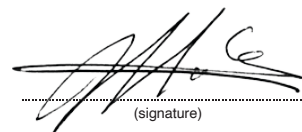
Signed for and on behalf of the manufacturer by:

Josef Hofer, Tech. Director

(name and function)

Menznau, 28.06.2013

(place and date of issue)


(signature)

For service under this warranty or technical questions, please
go to our website or contact your local retail.

