



CERAMIN®

 CLASSEN®

MMF constructions



Wood
Core wood/
surface polymer
or cork

Polimer
core & surface polymer

Mix
all other
constructions

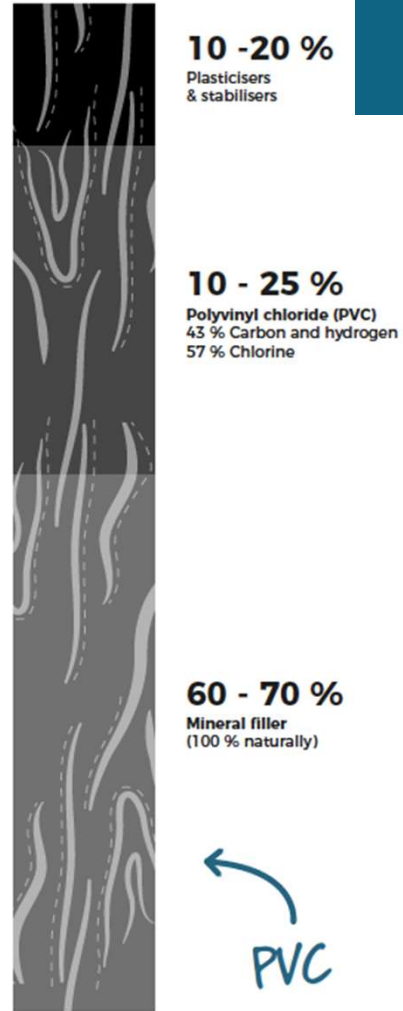
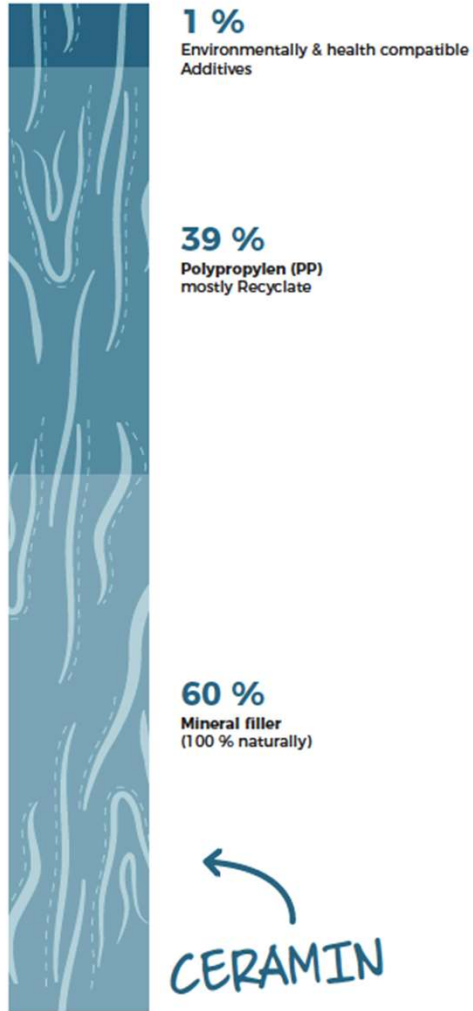
LVT
flexible
core/ click

RIGID

EPS
expanded
polymer core

SPC solid
polymer core

CERAMIN®



CERAMIN[®]



polypropylene safe for health



CERAMIN®



Natural, pure stone



Powder of mineral origin



Polypropylene safe for health



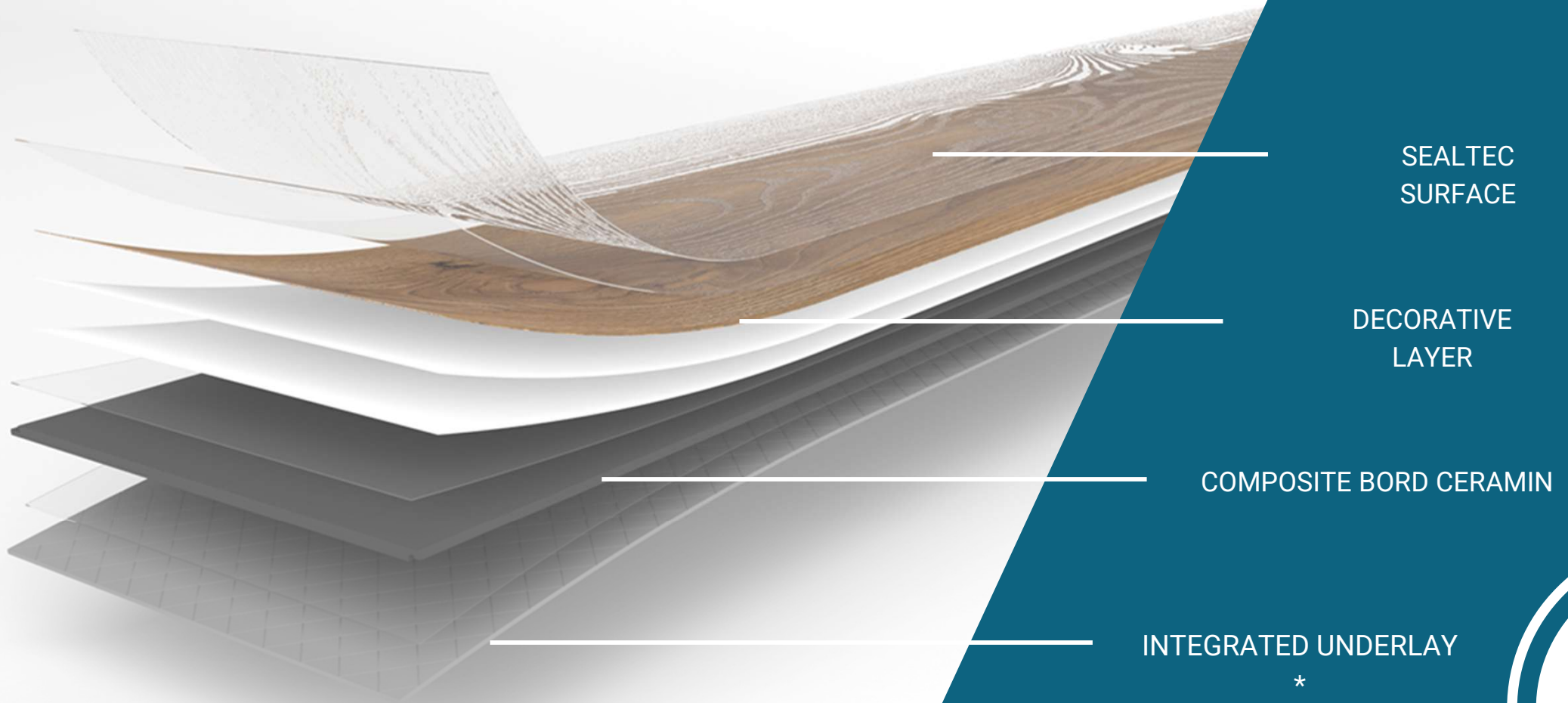
Additives



Core board



CERAMIN®



STABILITY



CERAMIN®

Ceramin offers us 100% dimensional stability and 0% swelling. As stable as ceramics but lighter and unbreakable. No need to mention LVT...

changes along	0,00% *
changes diagonally	0,05% *

*tests carried out at a temperature of 80 degrees

EXTREMELY STRONG



Ceramin is an extremely strong, dense and durable material, suitable for home and commercial projects.

CERAMIN[®]



Due to its lower material density, Ceramin is far lighter than ceramic tiles and lvt. No heavy weights, a pleasure to work with.



CERAMIN[®]

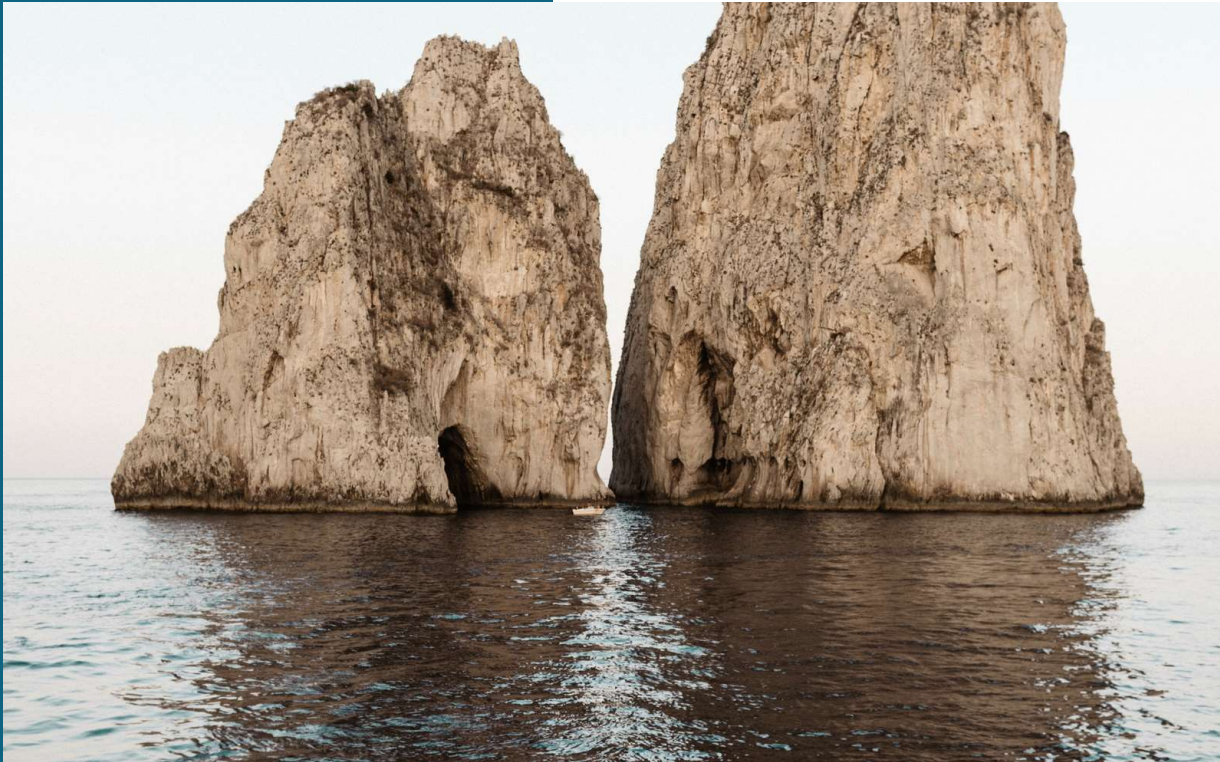
HIGH QUALITY



CERA

Whether natural stone, marble, granite or wood - CERAMIN® convinces with its natural design and feels just as good thanks to its textured surface. For high walking comfort, even in barefoot areas (warm underfoot)!

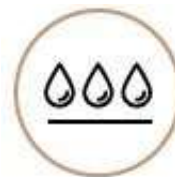
WATERRESISTANT



CERA

Ceramin 100% WATERPROOF

Given its unique composition, it is really waterproof unlike many other products carrying the waterproof-label.





CERAMIN®

The strong Sealtec+ surface makes Ceramin extremely durable and with highly wear resistant to foot traffic.

WEAR RESISTANT

Class 34 - 0,70 mm

Class 33 - 0,55 mm

CERAMIN[®]



CERAMIN[®]

ACOUSTICS

Due to its composition, Ceramin perfectly absorbs sound, providing better acoustics compared to traditional wooden or laminated floors and ceramics.

ACOUSTICS 45%
(16dB)



CLASSEN
DIGITAL
ACADEMY

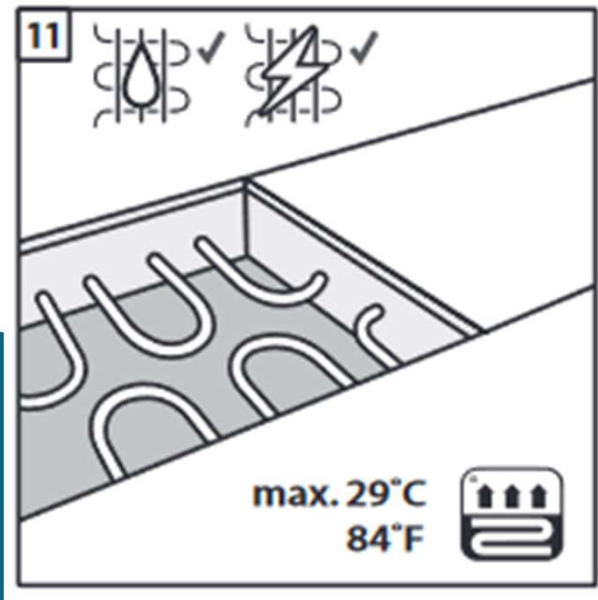


CERAMIN[®]

**WARM
TOUCH**



Ceramin is perfect product for floor heating



It can be a great solution for traditional water or modern electric underfloor heating

thermal resistant 4,5mm = 0,02 m²K/W

CERAMIN[®]

ECOLOGICAL PRODUCT



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présent sur un papier de qualité professionnelle, sur une échelle de classe allant de A+ (très faible émission) à C (faible émission)



CERAMIN®

CERAMIN[®]



Released by UL Environment
 Date Issued: October 16, 2019
 Product ID#: 1000776128-2524182
 Test Report #: 1000776128-2524182
 ©2019 UL LLC
 BCM2



GREENGUARD CERTIFICATION TEST REPORT					
Customer Information	AKZENTA PANELE + PROFILE GMBH RONALD ANTE WERNER-VON-SIEMENS-STR. 18-20 KAISERSESCH 56759 GERMANY				
Product Description	Sono Forest Santa Fe 1300x1280x4.3				
Test Group	Ceramin Flooring - 01				
Category	Flooring				
Test Type	Certification		Year 4		
Test Method	UL 2821 "GREENGUARD Certification Program Method for Measuring and Evaluating Chemical Emissions From Building Materials, Finishes and Furnishings Using Dynamic Environmental Chambers"				
	Environment	TVOC	Formaldehyde	Total Aldehydes	CREL/TLV
GREENGUARD	Office	✓	✓	✓	✓
GREENGUARD Gold	Office	✓	✓	✓	✓
	Classroom	✓	✓	✓	✓
✓ - meets criteria; X - over criteria					
Laboratory Approval	 Matteo Longoni EMEA + LA Operations Manager				

MODELING FOR PREDICTED AIR CONCENTRATION					
Certification Program	Environment Basis	Modeling Basis	Surface Area (m ²)	Room Volume (m ³)	ACH (1/hr)
GREENGUARD and GREENGUARD Gold Office	CDPH/EHLB/Standard Method	floor	11.1	30.6	0.68
GREENGUARD Gold Classroom	CDPH/EHLB/Standard Method	floor	89.2	231	0.82

Note that certain environments and/or modeling scenarios may prevent assessment of low level CREL and TLV analytes due to the emissions being below the lower LOQ (0.04 µg). For example, benzene 1/2 CREL is 1.5 µg/m³.

CERAMIN®



Entwicklungs- und Prüflabor Holztechnologie GmbH, Zellescher Weg 24, 01217 Dresden, Germany

Akzenta Paneele + Profile GmbH
Herr Bernhard Porkert
Werner-von-Siemens-Straße 18-20

56759 Kaisersesch

porkert@classen.de

Entwicklungs- und Prüflabor
Holztechnologie GmbH
Zellescher Weg 24
01217 Dresden - Germany

Phone: +49 351 4662 0
Fax: +49 351 4662 211
info@eph-dresden.de
www.eph-dresden.de

Dresden, 2016-09-13
50- br/zn

Test Report Order no. 2715495/2/1

Client: Akzenta Paneele + Profile GmbH
Werner-von-Siemens-Straße 18-20
56759 Kaisersesch

Date of order: 18.08.2016

Order: Summary of the test results according to ARRÊTÉ relatif à l'étiquetage des produits de construction ou de revêtement de mur ou de sol et des peintures et vernis sur leurs émissions de polluants volatils

Flooring panel NEO 2.0

Contractor: EPH – Laboratory Chemical Testing

Engineer in charge: Dipl.-Ing. M. Broege


Prof. Dr. habil. M. Beyer
Head of Laboratory Chemical Testing

The test report contains 2 pages and 1 annex. Any duplication, even in part, requires written permission of EPH. These test results are exclusively related to the tested material.

Managing Director:
Dr.-Ing. Rico Emsler
Dresden Local Court HRB 8072
VAT Reg.No. DE 21 60 77 44 6

Commerzbank AG
SWIFT: COMDE333
IBAN: DE 13 8500 0000 0400 2982 00



1. Sample identification

Product name: **NEO Wood**
Model/Series: **NEO 2.0**
Article number: **not specified**

The following test report form the basis: 2715495/2/A1 dated 2016-02-23
The tests were carried out according to ISO 16000 parts 3, 6 and 9.
The loading of the test chamber was 0.4 m³/m³.

2. Results

Annex: Evaluation according to French VOC-REG 2011

The product fulfils the requirements of the emission class "A+".


Dipl.-Ing. Martina Broege
Engineer in Charge

CERAMIN®



eco
INSTITUT

Test Report No. 51702-001, 51702-003

Test objective:	Evaluation according to French VOC-regulation
Sample description by client:	Laminate Flooring with/without Footfall Sound Insulation, with/without Chamfers Varnish, Thickness up to 12 mm <u>representative tested:</u> B&Q Overture Arlington effect Kingfisher TS Cardiff Oak
Sampled by:	Stadt Baruth, Mr. Böttcher
Date of sampling:	15.11.2016
Location of sampling:	at the client
Date of production:	03.11.2016
Date of arrival of sample:	16.11.2016
Test period:	16.11.2016 - 16.12.2016
Date of report:	25.01.2017
Number of pages of report:	19
Testing laboratory:	eco-INSTITUT Germany GmbH, Cologne
Test objective fulfilled:	✓ Class A+

CERAMIN®



CERTIFICATE

ON THE BASIS OF THE
CONTRACT ON THE USE OF THE ENVIRONMENTAL LABEL NO. 29103 BASED ON
RAL-UZ 120 EDITION 2011

CLASSEN HOLZ KONTOR GMBH
56759 KAISERSESCH, GERMANY

IS GRANTED THE RIGHT TO USE THE BLUE ANGEL ECOLABEL SHOWN BELOW
FOR THE PRODUCT

NEO 2.0 gemäß Anhang zum Vertrag

AS A SIGN OF SPECIAL ENVIRONMENTAL FRIENDLINESS.

SANKT AUGUSTIN, THIS 11 AUGUST 2016

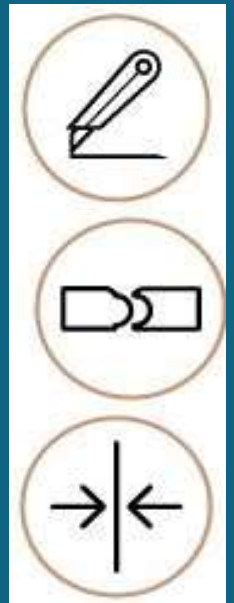

MANAGING DIRECTOR

RAL gGMBH



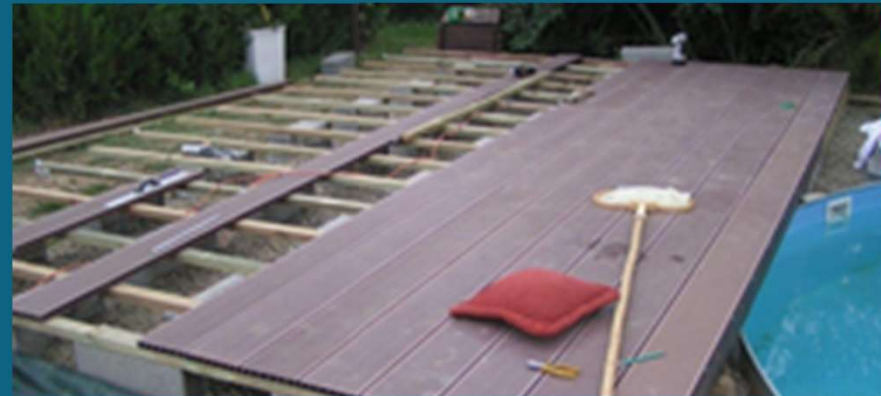
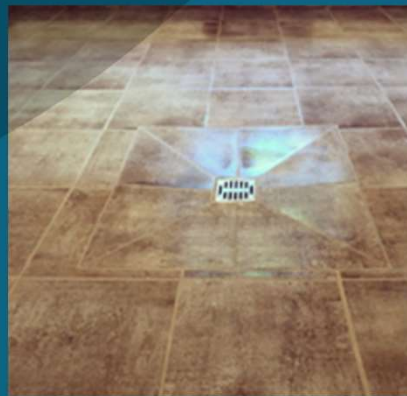


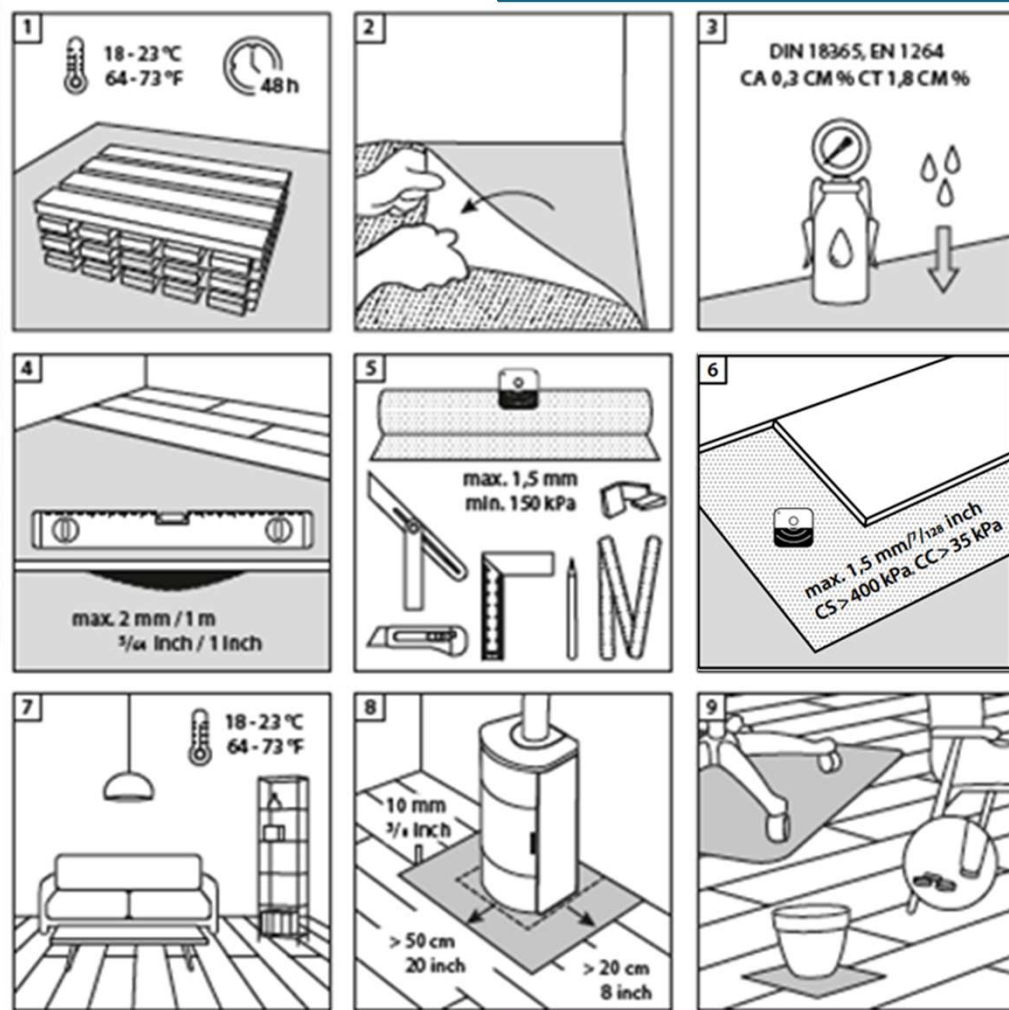
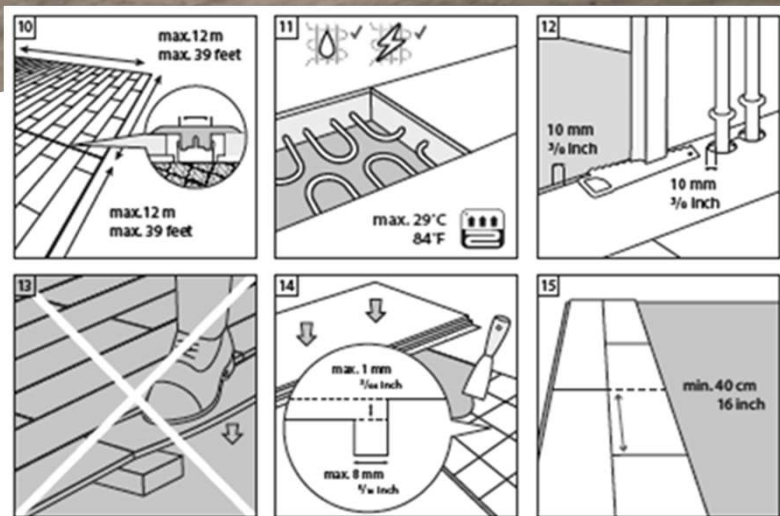
SMART RENOVATION



CERAMIN®

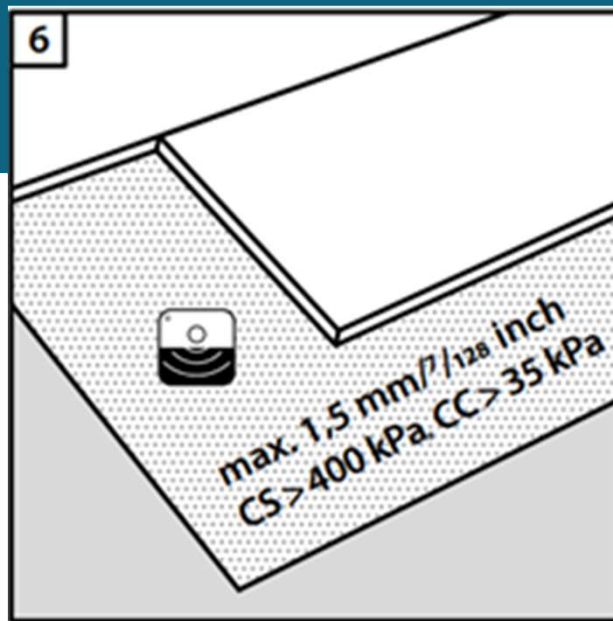
PLACES WHERE
CERAMINES MUST
NOT BE INSTALLED





CERAMIN[®]

Underlay requirements



**CLASSEN
DIGITAL
ACADEMY**

CERAMIN®

 CLASSEN®

EasyLock





Thank you



CERAMIN[®]

