

iswall®
Produktblatt
Fact Sheet

KUHN®

iswall® kombiniert Qualität, Stabilität und ein angenehmes haptisches Erlebnis in einem Produkt. Dank der vollflächigen Vernadelung und der hochwertigen Verarbeitung zeichnet sich iswall® durch seine besondere Materialbeschaffenheit aus: Es ist biegesteif und dennoch weich wie Filz, was es für zahlreiche Anwendungen prädestiniert. iswall® kann sowohl als ganze Platte, mit V-Cut oder in individuellen Freiformen präzise zugeschnitten geliefert werden.

iswall® combines quality, stability, and a pleasant tactile experience in one product. Thanks to its full-surface needling and high-quality processing, iswall® stands out with its unique material properties: It is rigid yet soft like felt, making it ideal for a wide range of applications. iswall® can be precisely cut as a full panel, with a V-Cut, or in custom freeform shapes.

Zusammensetzung
Composition

100 % PET²
(C2C)

Dimension Rohplatten (± 2 mm)
Raw Panel Dimensions (± 2 mm)

2800 × 1225 mm³

Stärke und Dichte Rohplatten (± 5 %)
Raw Panel Thickness and Density (± 5 %)

12 mm (2400 g/m²)³
24 mm (3800 g/m²)³

Brandschutz
Fire Rating

B- s1, d0

Schallabsorbtion
Sound Absorption

Class A¹
(a_w = 0,9)

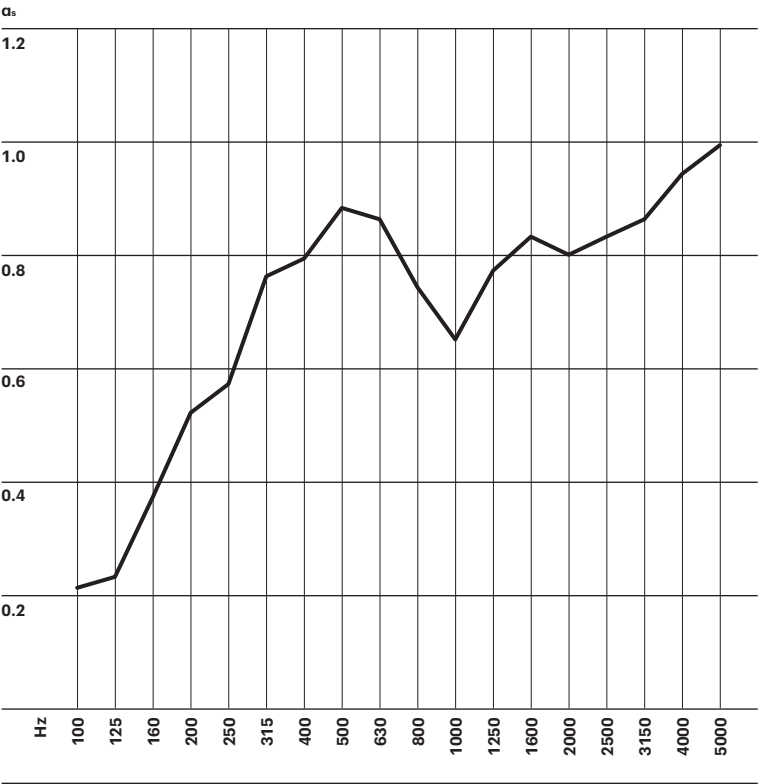
¹ Getestet an 12 mm Rohplatte Tested on 12 mm raw panel ² Recycelte Einweg-PET-Flaschen (C2C) Recycled single-use PET bottles (C2C)
³ Weitere Stärken und Größen auf Anfrage Additional thicknesses and sizes available upon request

Akustische Spezifikationen

Acoustic Specifications

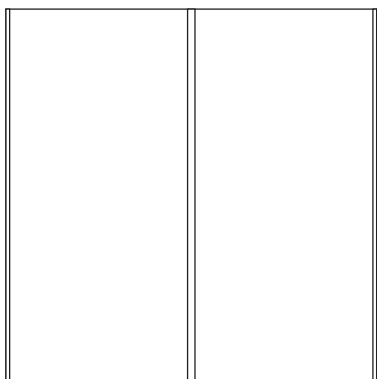
Schallabsorbtionsgrad nach DIN EN ISO 354:2003¹
Sound Absorption Coefficient according to DIN EN ISO 354:2003¹

Frequency (Hz)	Absorbtion Coefficient, α_s
5000	1.06
4000	1.01
3150	0.93
2500	0.90
2000	0.87
1600	0.90
1250	0.84
1000	0.72
800	0.81
630	0.94
500	0.96
400	0.86
315	0.83
250	0.64
200	0.59
160	0.44
125	0.30
100	0.28
α_s	0.77
NRC	0.80



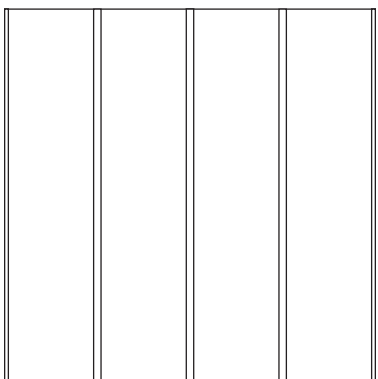
V-Cut Nahtlose Muster

V-Cut Seamless Pattern



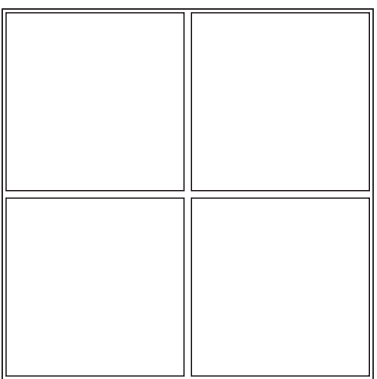
Linie L
Line L

P01



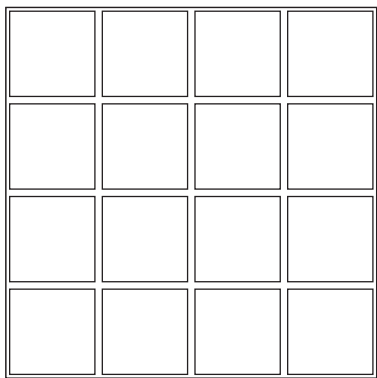
Linie S
Line S

P02



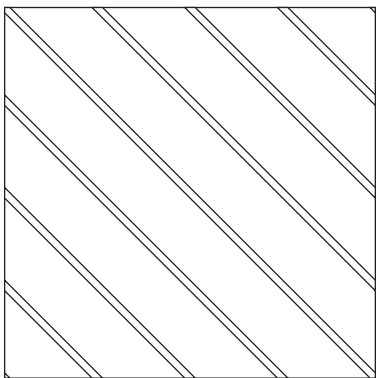
Quadrat L
Square L

P03



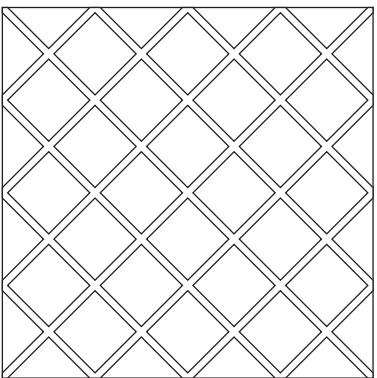
Quadrat S
Square S

P04



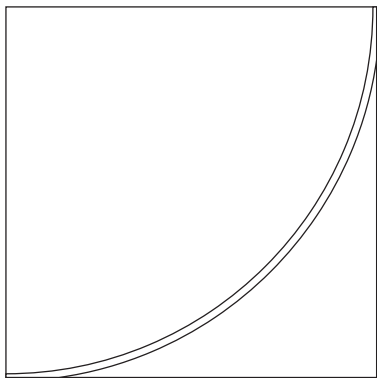
Diagonal
Diagonal

P05



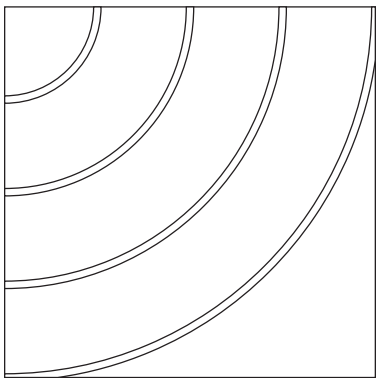
Rechteck Diagonal
Square Diagonal

P06



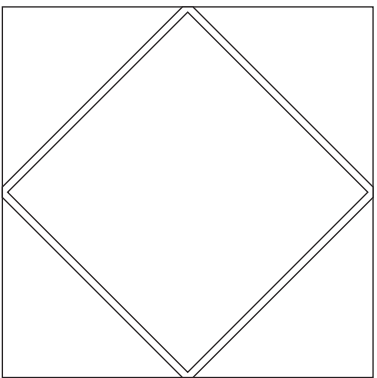
Bogen
Arc

P07



Bögen
Arcs

P08



Diamant
Diamond

P09

Farben

Colors



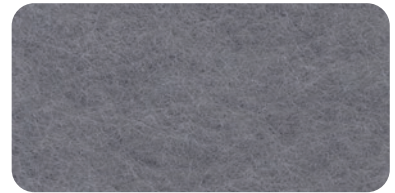
Schneeweiß
Snow White

111



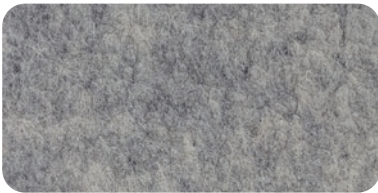
Zement
Cement

112



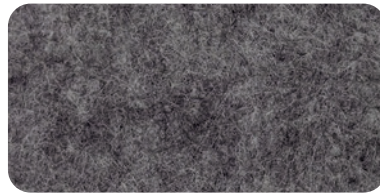
Silbergrau
Silver Grey

113



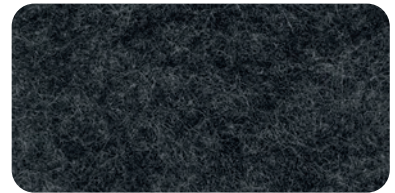
Lichtgrau
Light Grey

114



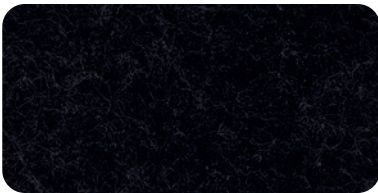
Aschgrau
Ash Grey

115



Schiefer
Slate

116



Anthrazit
Anthracite

117



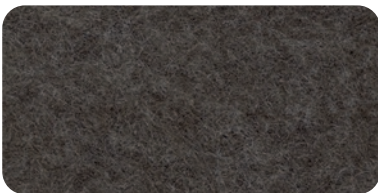
Pergament
Parchment

121



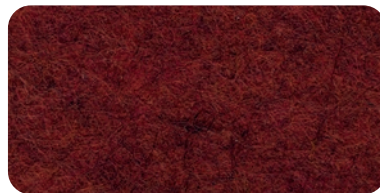
Trüffel
Truffle

122



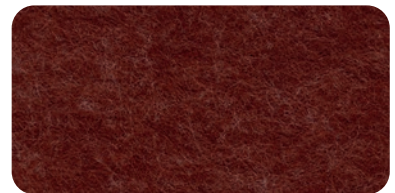
Basalt
Basalt

123



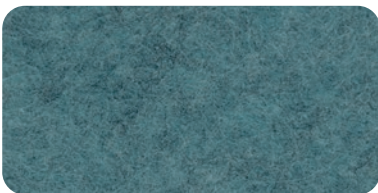
Rostrot
Rust Red

131



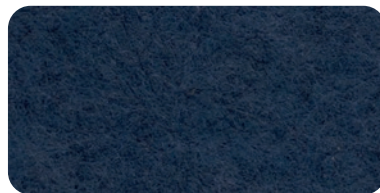
Kupfer
Copper

132



Taubenblau
Dusty Blue

141



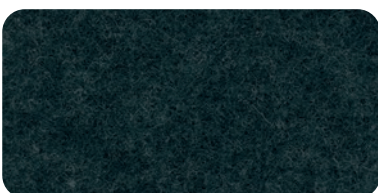
Marineblau
Navy Blue

142



Mitternacht
Midnight Blue

143



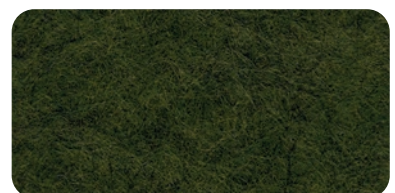
Petrolblau
Petrol Blue

144



Eukalyptus
Eucalyptus

151



Seegras
Seagrass

152



www.hellokuhn.de/iswall

Der multifunktionale Akustikwerkstoff aus mindestens 75 % recycelten PET-Plastikflaschen.

The multifunctional acoustic material made from at least 75% recycled PET plastic bottles.

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