

Akustikplatten polySONIC® fr
Acoustic panels polySONIC® fr

Unsere Akustikplatten werden in Deutschland hergestellt und sind zu 100% recycelbar. Auf Wunsch im individuellen Design und flexibler Formgebung erhältlich, ideal für Wand-, Decken- und Möbelverkleidung.

TECHNISCHE DATEN:

Unsere Standardplatte hat eine Stärke von 10 mm und ist in allen Farben ab Lager verfügbar. Plattenstärken von 5 und 7 mm sind auf Anfrage umsetzbar und in volcano und pebble ab Lager verfügbar.

Artikel: polySONIC® fr sheet 5 / 7 / 10 mm
Materialzusammensetzung [%]: 100 PES
Flächengewicht [g/m²]: ca. 1250 / 1750 / 2500
Länge [cm]: ca. 240
Breite [cm]: ca. 140
Stärke [mm]: ca. 5 / 7 / 10 (±0,3)
Dichte [g/cm³]: ca. 0,25
Brandschutz: DIN EN13501-1: 2007 | B-s1, d0
Lichteinheit: Note 6-7

AKUSTIK:

MaterialStärke	Schallabsorbtion
5 mm (0,20")	$\alpha_w = 0,15$ NRC = 0,15 *
7 mm (0,28")	$\alpha_w = 0,20$ NRC = 0,25 *
10 mm (0,40")	$\alpha_w = 0,25$ NRC = 0,35 *

*Abhängig von Endmontage, geprüft ohne Wandabstand nach DIN EN ISO 354 sind die Ergebnisse des Hallraumtests als NRC Wert (= noise reduction coefficient) und bewertetem Schallabsorptionsgrad α_w aufgeführt.

Our acoustic panels are manufactured in Germany and 100% recyclable. Available in customised designs and flexible shapes on request, ideal for wall, ceiling and furniture covering.

TECHNICAL DATA:

Our standard panel has a thickness of 10 mm and is available from stock in each colour. Thinner panel thicknesses of 5 and 7 mm can be made on request and are available from stock in volcano and pebble.

Article: polySONIC® fr sheet 5 / 7 / 10 mm
Material composition [%]: 100 PES
Weight [g/m²]: approx. 1250 / 1750 / 2500
Length [cm]: approx. 240
Width [cm]: approx. 140
Thickness [mm]: approx. 5 / 7 / 10 (± 0,3)
Density [g/cm³]: approx. 0,25
Fire testing: DIN EN13501-1: 2007 | B-s1, d0
Fastness to light: Grade 6-7

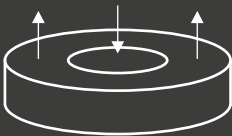
ACOUSTIC:

Material Thickness	Sound absorber
5 mm (0,20")	$\alpha_w = 0,15$ NRC = 0,15 *
7 mm (0,28")	$\alpha_w = 0,20$ NRC = 0,25 *
10 mm (0,40")	$\alpha_w = 0,25$ NRC = 0,35 *

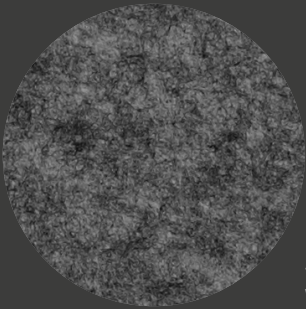
*Subject to mounting conditions, tested without wall distance according to DIN EN ISO 354, the results of the reverberation chamber test are listed as NRC value (= noise reduction coefficient) and sound absorption coefficient α_w .



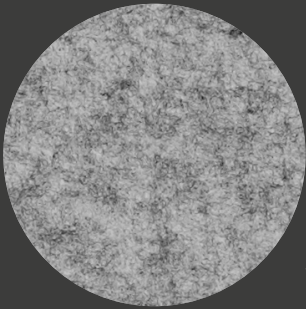
HERAUSNEHMBARES FARBMUSTER / SEPARABLE COLOUR SAMPLE



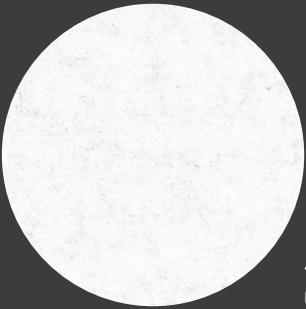
Der äußere Ring der Farbmuster kann aus der Karte heraus genommen werden.
The outer ring of our colour samples can be separated from the card.



4002
Volcano



4001
Pebble



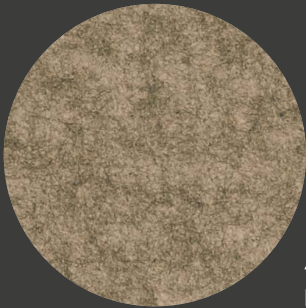
4006
Cloud



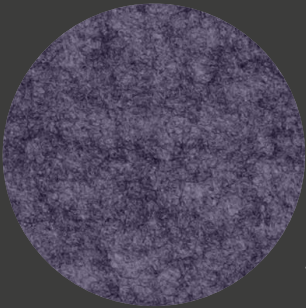
4019
Cool grey



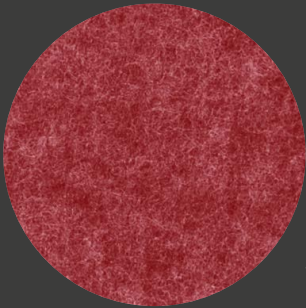
4018
Sandstone



4021
Dune



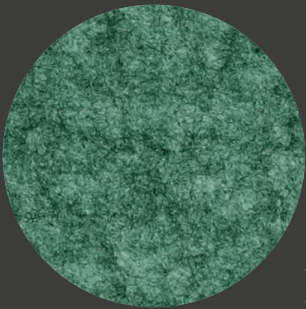
4020
Plum



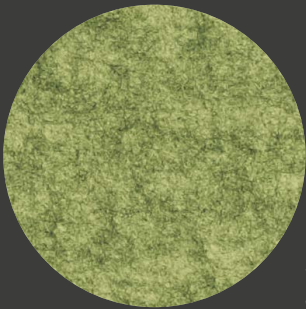
4015
Magma



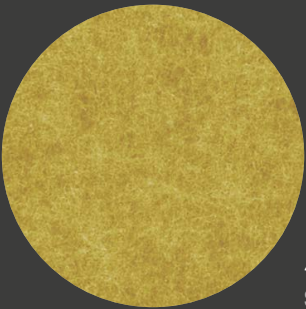
4003
Coral



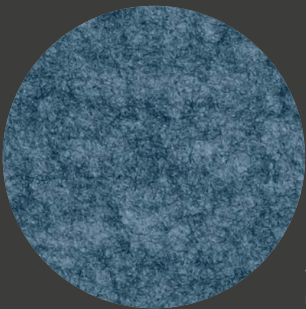
4004
Seagrass



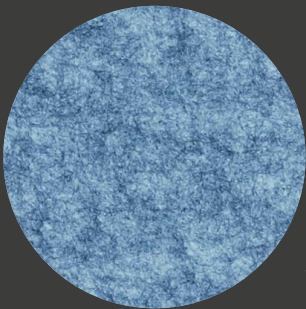
4012
Jungle



4013
Sulfur



4005
Ocean



4014
Lagoon

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