KEROWOOD

Premium products, careful service.



PREMIUM PRODUCTS


WoodTec
3x harder
than conventional
real wood floor

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MATERIAL COMPOSITION

Surface

Real wood top layer

Extreme Power powder layer

Compositek

Extreme Power counterbond







ADVANTAGES

More resistant and harder

High impact resistance

Ecologically best values with lowest resource consumption

Easy to clean due to special surface

Quick and easy to install

Sturdy

- ☑ Highest usage class - therefore ideal for offices, hotels, restaurants or boutiques
- ☑ Long service life due to extremely high abrasion resistance
- ☑ Mattlack forte, Scratchtest: 2,2 N
- ☑ Highest slip resistance (R10)



Mattlack forte

Scratch test
highest requirement
according to standard: 1,0 N
Mattlack forte: 2,2 N



Applications in shops, offices, hotels, restaurants or boutiques



Sustainability

Through chip-free cutting, instead of solid wood, a MUCH larger floor area can be produced from our WoodTec floor.

Extreme Power is the most resource-saving wooden floor!



eco INSTITUT TESTED PRODUCT ID 1216 : 13117 - 001

qualityaustria SYSTEM CERTIFIED ISO 14001:2015 No.01089/0

qualityaustria CERTIFIED ISO 38200:2018 No.00002/0

☑ **Lowest resource consumption**

Ecological

- ☑ Ideal for underfloor heating,very good heat permeability, → 20-30 % energy saving!
  compared to conventional parquet floors
- ☑ 20 - 30 % CO2 savings!
- ☑ Recyclable
- ☑ No waste during production due to powder technology
- ☑ Excellent values for ingredients such as formaldehyde



From 2025, large companies in the EU are obliged to present the eco-savings in the annual balance sheet.



Renovable

- ☑ Simple surface renovation possible if required

Fire class

- ☑ Bfl-S1 - Suitable for all fire resistance requirements and also secured for increasing requirements



Installation

glued & floating

- ☑ Easy and quick installation due to 5G®/2G® click system
- ☑ plank & herringbone



PRODUCT INFORMATION

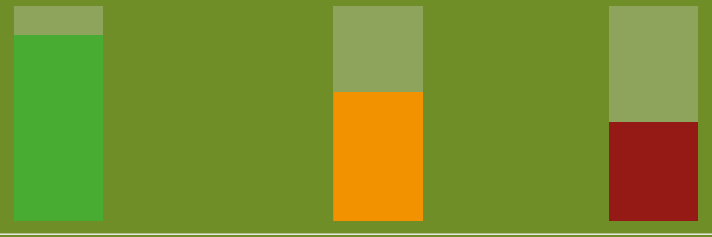
Format	**Extreme Power: 2200 * 223/283 * 11 mm** **Extreme Power modern: 774 * 129 * 11 mm**
Top layer	Powder technology
Brinell hardness oak	81,83 N/mm²
Middle layer	Compositek TM 947/kg/m³ Emission class E1
Weight	10,1 kg/m²
Surface	Mattlack forte, Oil, Pure & Colourline
Scratchtest	Mattlack forte: Scratch resistance 2,2 N
Slip resistance	R10
Profiling	Click G2/G5, Microfase
Installation	Floating or full-surface bonding
Underfloor heating	Suitable for underfloor heating
Thermal resistance	Floating 0,071 m²K/W Bonded 0,065 m²K/W
Fire class	Bfl-S1
Sustainability & Certificates	ISO 14001, CE
Formaldehyd Output	E 1/5 0,01 mg/(m²+h)
Chemical Resistance	1-C

Compositek

(Wood fiberboard coated with melamine resin)

Surface density	+++	+	+
Density	+++	+	+
Thickness swelling	+++	++	+
Fire resistance	++	++	+
Surface strenght	++	+++	+
Plus points total	**13+**	**9+**	**7+**

Overall Performance



Detailed inforamtion	Compositek	Plywood	Spruce
Surface density	2300 kg/m^3	700 kg/m^3	450 kg/m^3
Density	947 kg/m^3	725 kg/m^3	450 kg/m^3
Thickness swelling	1.4 %	8.2 %	-
Fire resistance	Bfl-S1	Bfl-S1	Dfl-S1
Surface strenght	2.4 N/mm^2	3.1N/mm^2	-

BRINELL HARDNESS

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	Holzart	Brinellhärte in N/mm²
1.	Mehrschicht Lanhausdiele	81
2.	Eiche Hirnholz	66
3.	Bangkirai (Yellow Balau)	63
4.	IPE Lapacho	51
5.	Olive	51
6.	Lärche Hirnholz	50
7.	Robinie	46
8.	Jatoba	41
9.	Bambus (eigentlich kein Holz)	40
10.	Kiefer Hirnholz	40
11.	Merbau	40
12.	Wenge	40
13.	Esche	38
14.	Panga-Panga	35
15.	Ahorn kanadisch (Hard Maple)	34
16.	Buche	34
17.	Eiche	34
18.	Birnbaum	32
19.	Fichte Hirnholz	32
20.	Nussbaum europäisch	32
21.	Ahorn europäisch	30
22.	Kirschbaum europäisch	29
23.	Teak Burma	28
24.	Black Walnut am Nuss	26
25.	Kirschbaum amerikanisch	25
26.	Birke europäisch	22
27.	Kiefer	19
28.	Lärche	19
29.	Fichte	12

