



YILDIZ ENTEGRE ROMANIA S.A.

SPECIFICAȚII TEHNICE PARCHET LAMINAT



YILDIZLAR
YATIRIM
HOLDING

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1. SCOPUL:

Scopul îl reprezintă asigurarea realizării producției la valorile specificate în prezentul document, pentru a se asigura standardizarea valorilor de performanță, pe grosimi și tipuri de produs, a Parchetului Laminat produs în toate fabricile Yıldız Entegre A.Ş și controlul acestora.

2. CARACTERISTICI:

2.1. Laminated Floor Parquet;

ÎNTOCMIT

CORINA MIHAELA DUMITRESCU

VERIFICAT

FELICIA ȘOVAIALA

APROBAT

Ar-Ge ve Kalite Müdürlüğü_Kalite
Müdürü
BIROL DEMIREZEN



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Standards for Laminate Floor Coverings Vario Clic and Terradick (SR EN 13329)

NO	Technical characteristics	Test/requirement standard	Requirement	Units
1	Thickness of the element, (t) without underlay	TSEN 13329	$\Delta t_{average} \leq 0,50$, relative to nominal value $t_{max} - t_{min} \leq 0,50$	mm
2	Thickness of the element, (t) with pre-attached underlay		$\Delta t_{average} \leq 0,50$ mm, relative to nominal value $t_{max} - t_{min} \leq 0,80$ mm	mm
3	Width of the surface layer, (w)		$\Delta W_{average} \leq 0,10$, relative to nominal value $W_{max} - W_{min} \leq 0,20$	mm
4	Length of the surface layer, (l)		$l \leq 1500$ mm: $\Delta l \leq 0,5$ mm $l > 1500$ mm: $\Delta l \leq 0,3$ mm/m	mm
5	Squareness of the element, (q)		$q_{max} \leq 0,20$	mm
6	Straightness of the surface layer, (s)		$S_{max} \leq 0,30$	mm/m
7	Flatness of the element		$f_{width\ concave} \leq \% 0,15$, $f_{width\ convex} \leq \% 0,20$ $f_{length\ concave} \leq \% 0,50$, $f_{length\ convex} \leq \% 1,00$	%
8	Openings between elements, (o)		$O_{average} \leq 0,15$, $O_{max} \leq 0,20$	mm
9	Height difference between elements, (h)		$h_{average} \leq 0,10$, $h_{max} \leq 0,15$	mm
10	Surface Soundness	TSEN 13329 TSEN 311	Class 31 $\geq 1,00$ Class 32 - 33 $\geq 1,25$	N/mm ²
11	Thickness swelling	TSEN 13329	Class 31 - 32 ≤ 18 Class 33 ≤ 15	%
12	Moisture content	TSEN 322	% 4 to % 10 $H_{max} - H_{min} \leq \% 3$	%
13	Formaldehyde content Class E1	TSEN 717-1 TSEN ISO 12460-3	E1 $\leq 0,124$ E1 $\leq 3,5$	mg/m ³ mg/m ² h
14	Dimensional variations after changes in relative humidity, (δl , δw)	TSEN 13329 TSEN 318	$\delta l_{average} \leq 0,9$, $\delta w_{average} \leq 0,9$	mm
15	Abrasion resistance	TSEN 13329	AC3 ; ≥ 2000 AC5 ; ≥ 6000 AC4 ; ≥ 4000	Tour
16	Impact Resistance to small ball	TSEN 13329 TSEN 438-2	Big ball Class 31 ≥ 500 mm Class 32 ≥ 750 mm Class 33 ≥ 1000 mm Small Ball ≥ 8 N, ≥ 12 N ≥ 15 N	N, mm
17	Impact Resistance to big ball			
18	Locking strength	ISO 24334	Class 32 - 33 $f_{l0,2} \geq 1$ (length) $f_{s0,2} \geq 2$ (width)	kN/m
19	Resistance to staining	TSEN 438-2	5 (group 1ve group 2), 4 (group 3)	Grade
20	Effect of a furniture leg	TSEN 425	No damage shall be visible, when tested with foot type 0	-
21	Effect of a castor chair	TSEN 424	25 000 cycles, No damagea	-
22	Surface defects	TSEN 438-2	Minor surface defects as defined in the EN 438 series are permitted.	-
23	Static indentation	TSEN ISO 24343-1	residual indentation $\leq 0,05$ mm	mm
24	Lightfastness	sample part ≥ 4 of grey scale according to EN 20105-A02 EN ISO 4892-2:2006/A1:2009 procedure B - cycle 5 (50 % rel. hum.) ab	Colour contrast between unexposed and exposed sample part ≥ 4 of grey scale according to EN 20105-A02	-

a Test until blue wool scale No. 6 according to EN ISO 105-B02 (= colour contrast 4 on the grey scale according to EN 20105-A02 between exposed and unexposed part of blue wool scale).

b Allow sample (24 \pm 1h) recovery time without light exposure at 23 °C and 50 % rel. humidity before taking final assessment.

3. İLGİLİ DOKÜMANLAR:

4. REVİZYONLAR

R(0) -

İNTOCMIT CORINA MIHAELA DUMITRESCU	VERIFICAT FELICIA ȘOVAIALA	APROBAT Ar-Ge ve Kalite Müdürlüğü_Kalite Müdürü BIROL DEMIREZEN
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Dokümanın basılı hali kırmızı renkli "Kontrollü Kopya" mührü ile geçerlidir.