

## Como Nature - Dry Back-0.55Wear layer/Microbevel

Last update: August 16th, 2016

PRODUCT DESCRIPTION		
Thickness		3mm
Top layer	Type	UV coat + PVC wear layer + PVC décor layer
	Thickness	None
Core	Type	Vinyl composite
	Thickness	2.45mm
	Color	Black
	Density	≥ 1700kg/m <sup>3</sup>
Bevel		4 sides micro bevel
Edges sealer		None
Locking system		None
Type of installation		Glue down
Backing	Type	None
	Thickness	-
Underfloorheating compatibility		Yes but under certain condition- See installation instruction manual

CHEMICAL COMPOSITION		
Formaldehyde emission		E0
PCP		≤ 1ppm
VOC (ISO 16000)		VOC A+/Floorscore Certified
Prop 65		Pass
REACH	Ortho-phthalates	ND
	Lead	≤ 90ppm
	Mercury/ Chromium VI	ND
	SCCp (C10-C13)	ND
	Cadmium	ND
	Tributyl tin	ND
	PAHs	Meet requirement of product that can be put in mouth

SURFACE PROPERTY		
Class of use	EN ISO 10582	Residential (class 23), Medium commercial (Class 32)
Abrasion	Internal	≤ 0.015g/1000 rev
Scratch	ISO 1518-1	≥ 2500g
Peeling strength	EN 431	≥ 45N/5cm
Indentation	ASTM 1914	Average ≤ 8%, Max ≤ 10% Max 1.34mm
	EN 433	≤ 0.1mm
Impact resistance (big ball)	EN 13329	≥ 1600mm
Static load (250Lbs/115kg)	ASTM F970	≤ 0.1mm
Slipperiness	EN 14041	Dry DCOF: 0.45
	ANSI A137-1	Wet DCOF: >0.42
	D 51130	R9

DIMENSIONAL TOLERANCE	
Thickness tolerance	+/- 0.15mm
Width tolerance	+/- 0.1mm
Length tolerance	+/- 0.5mm
Height difference	≤ 0.15mm
Gap between planks	≤ 0.20mm
Cupping up	≤ 0.15% of the planks width
Cupping down	≤ 0.2% of the planks width
End lift	≤ 0.2% of the planks length
Bowing	≤ 0.2% of the planks length
Squarness	≤ 0.25mm/ 305mm

PHYSICAL PROPERTY		
Heat exposure resistance 80°C/180°F	EN-434 ASTM F2199	≤ 0.25% / 0mm
Heat exposure resistance 60°C/140°F	EN-434 ASTM F2199	≤ 0.1% / 0mm
Swelling after submersion in water	EN 13329	≤ 0.1%
Swelling rate from 10° to 45° C (50° to 113° F)	Factory testing	≤ 0.25%
Temperature change simulation	from 35 to 5°C (95° to 41° F) from 10 to 45°C (50° to 113° F)	max gap 0.25mm, max cupping 0.25mm
Sound transmission class (STC)	ASTM E413-10	NA
Impact insulation class (IIC)	ASTM E989-06	NA
Click strength (23°)	Internal	NA
Thermal conductivity	EN 14041	0.07W/(m.k)
Flexibility	EN 435	Pass
Colour fastness to light	ISO 105-B02:1994, Method 3a	≥ Grade 6
Resistance to staining	EN 423	Not Affected
Reaction to fire	EN 14041	Class B -S1
Fire resistance (CHF)	ASTM E648/662	1.1 W/cm <sup>2</sup> (Class I)

GENERAL QUALITY RELATED NORMS	
Europe	EN ISO 10582/EN14041
USA	ASTM F1700