

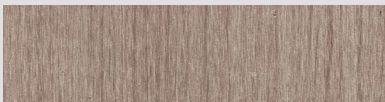
Product: Duro Natural



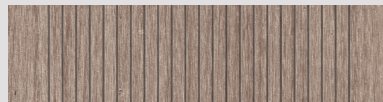
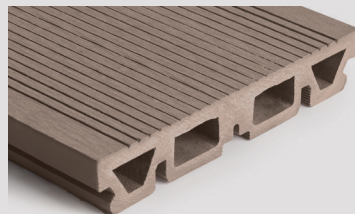
ECO FRIENDLY
MADE WITH
RICE HUSK

Description: **DURO** is a high quality material developed by **iDecking Revolution**. The main ingredient is rice husks combined with virgin polymers. A secret formula and production process makes the material more versatile, resistant and durable. **DURO** looks and feels extremely natural. It can be stained or treated for an extra level of protection, just like wood, by using any colour available from **iDecking Revolution**. **DURO** is 100% recyclable - the Eco-Friendly composite material Mother Nature herself would have created. **DURO** decking can be installed both on the **EasyClick** and **EasyChange** systems. Boards are available in a choice of flat or anti-slip grooved surfaces.

FLAT SURFACE



ANTISLIP SURFACE



DURO NATURAL

Decking board composition	Rice Husks + PVC
Systems	EasyClick / EasyChange
Surface	Flat / Antislip
Colours	Aged
Size (1 piece)	140 x 25 x 2800 mm
Weight (1 piece)	9.2 kg
Pallet	161 pcs (62 sqm +/-)
Pallet size	100 x 280 x 70h cm
Pallet weight	1.600 kg +/-

QUICK FACTS

Duro pieces needed for 1 squared meter	2.5
Duro linear meters for 1 squared meter	6.93 meters
iJack hole	optional

MATERIAL CHARACTERISTICS

Tensile strenght at break	35.1 N/mm ²	
Elongation at break	3%	
Thermal conductivity	015 W / (mk)	
Density	ca 1280Kg/mt	
Nail withdrawal test	ASTMD 6117	105 N
Screw withdrawal test	ASTMD 6117	312 N
Humidity behaviour	very low humidity absorption no dimensional change	
Water absorption	very low humidity absorption no dimensional change	0,26% ASTM D570
Linear expansion at 40°C Temperature		0,13%

EMISSION TEST

(TUV SINGAPORE, SEPTEMBER 2010)

Formaldehyde emission	<0,01mg per m ³ per hour
PHTALATE EMISSION	
DEHP (Di-ethylhexylphtalate)	<0,003mg per m ³ per hour
DBP (di-n-butylphtalate)	<0,003mg per m ³ per hour
BBP (Benzybutylphtalate)	<0,003mg per m ³ per hour
Fire Behaviour	B1

RAW MATERIAL

rice husks, virgin pvc

HAMBURG UNIVERSITY TESTS

Slipperiness	CEN/TS 15676	pass
Falling mass impact resistance	EN 477	pass
Flexural properties	EN 310	pass
Creep behaviour	EN 15534	pass
Moisture resistance under cyclic test conditions	EN 321	pass
Swelling and water absorption	EN 317	pass
Linear thermal expansion	ISO 11359-2	pass