

Product Properties



High-pressure decorative laminates feature attractive and aesthetic appearances. The products are high in mechanical strength, durability, resistance to impact, resistance to abrasion and scratching. The further benefits of this product are dimensional stability, resistance to water, steam, hot and cold temperatures, non corrosive and hygienic with cleaning properties.

Technical Data

Parameter	Unit	Standard	Requirements value	Slimline
Thickness	mm	EN 438-2.5	12.0 ± 0.60	12.0 ± 0.60
Length	mm	EN 438-2.6	+ 10 / - 0	+ 10 / - 0
Width	mm	EN 438-2.6	+ 10 / - 0	+ 10 / - 0
Flatness	mm/m	EN 438-2.9	≤ 3.0t	≤ 3.0
Straightness of edges	mm/m	EN 438-2.7	≤ 1.5	≤ 1.5
Squareness	mm/m	EN 438-2.8	≤ 1.5	≤ 1.5
Resistance to surface wear	IP (rpm)	EN 438-2.10	≥ 150	≥ 150
Resistance to impact with large diameter ball	Drop height (mm)	EN 438-2.21	≥ 1800	≥ 1800
Scratch resistance	Appearance	EN 438-2.25	Smooth finishes ≥ 2	Smooth finishes ≥ 2
	Grade		Textured finishes ≥ 3	Textured finishes ≥ 3
Dry heat resistance	Appearance	EN 438-2.16	SQ finish ≥ 4	SQ finish ≥ 4
	Grade		Other finishes ≥ 3	Other finishes ≥ 3
Resistance to immersion in boiling water	Mass gain (%)		≤ 2	≤ 2
	Thickness gain		≤ 2	≤ 2
	Appearance, surface	EN 438-2.12	SQ finish ≥ 4	SQ finish ≥ 4
			Other finishes ≥ 3	Other finishes ≥ 3
Appearance, edge		≥ 3	≥ 3	
Resistance to staining	Group 1 and 2, grade	EN 438-2.26	≥ 5	≥ 5
	Group 3, grade		≥ 4	≥ 4
Resistance to water vapour	Appearance, grade	EN 438-2.14	SQ finish ≥ 4	SQ finish ≥ 4
			Other finishes ≥ 3	Other finishes ≥ 3
Resistance to crazing	Appearance, grade	EN 438-2.24	≥ 4	≥ 4
Flexural modulus	mPa	EN ISO 178	≥ 9000	≥ 9000
Flexural strength	Stress, mPa	EN ISO 178	≥ 80	≥ 80
Density	g/cm ³	EN ISO 1183-1	≥ 1.35	≥ 1.35
Fire class	Classification	EN 13501-1	C-s1, d0	C-s1, d0

Additional information:

The contents of this document are for internal purposes only. Possible mistakes are possible. Customers and third parties are obliged to obtain information from Kronospan products and their use. We strongly recommend the recipient or user of our products to obtain expert advice regarding compliance with local planning, application requirements, standards, norms etc. Kronospan does not accept any warranties for claims relating to this document.

Maintenance

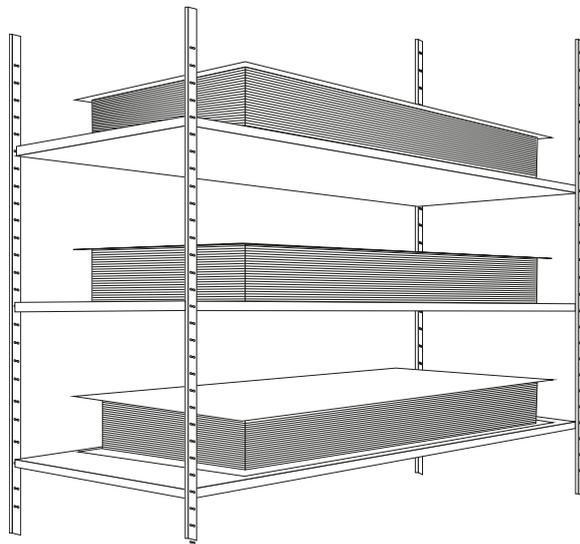


Cleaning

It is very easy to maintain Slimline worktops – most dirt can be removed simply by wiping with a dampened cloth or sponge. More stubborn staining can be handled with a suitable household detergent or the cleaning solution from the Color Join Unika Kit.

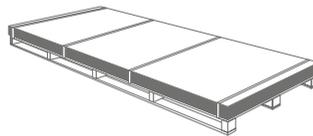
Transport and handling

Once installed, worktops offer exceptional durability, but in storage and handling surfaces and edges can be damaged if handled without care. The panels are supplied with foil protection covering, but it's recommended that when stacking dust and larger particles should be removed from between the boards. Panels should be stacked with thicker ones at the bottom, lighter panels towards the top, and care should be taken not to over-load the stack. The boards should be secured against slipping against each other in transit and handling, and the protective foil should not be exposed to continual direct sun or heat.

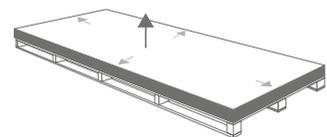


Storage and conditioning

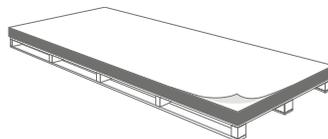
Boards should be stored in a dry and roofed placing, at temperatures of 15-25°C, relative humidity of 50%, minimum 1,5m distance to source of heat.



The Slimline panels must be stacked horizontally on flat, stable supporting panels. In order to keep the surface untouched, the covering plates must be left on the top of stack. Incorrect storage can lead to permanent deformation of the boards.



When loading and unloading, the panels must be lifted. Do not push or pull them over the edge.

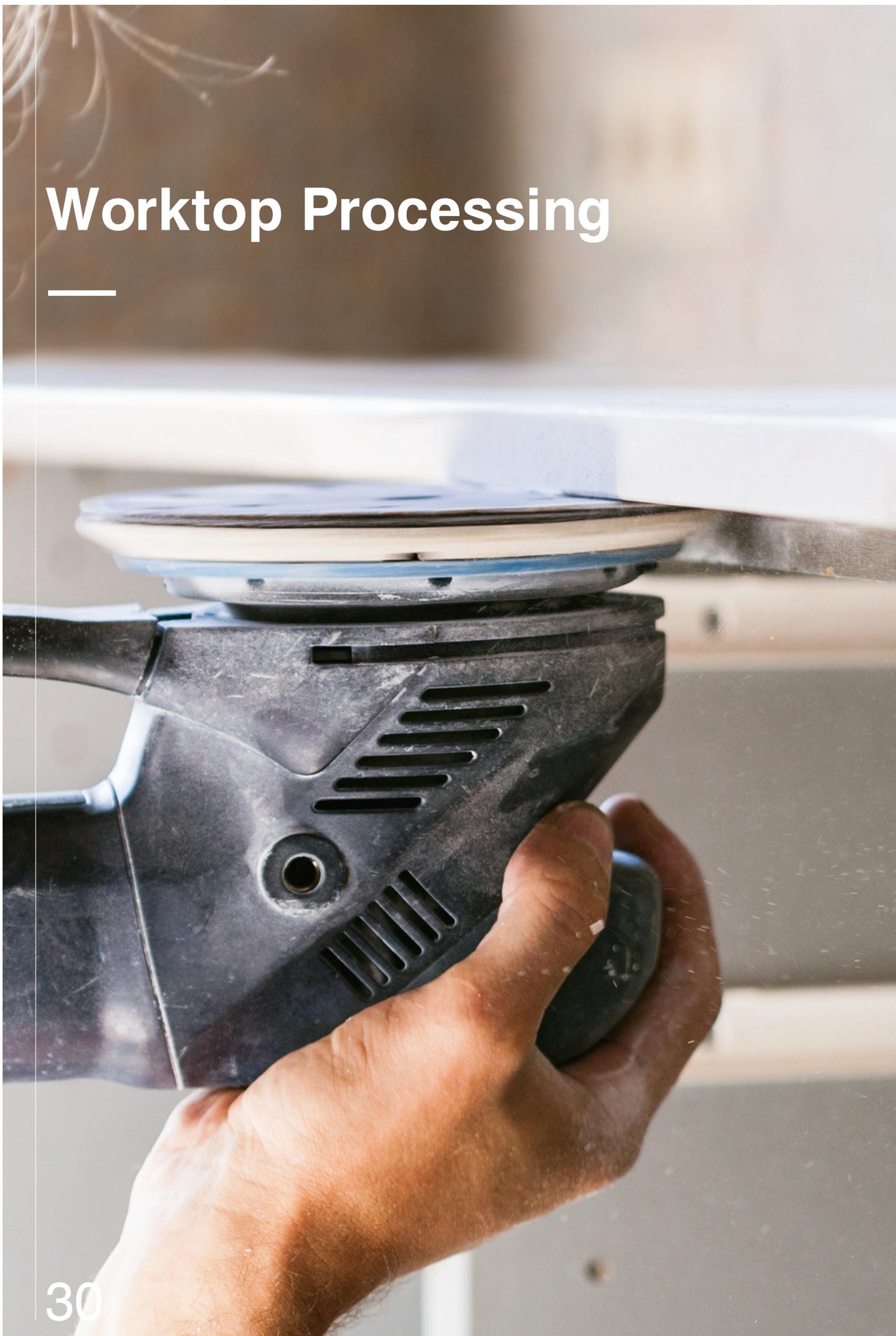


Do not stack the panels with faulty protection foil. Do not remove the foil before mounting or cutting if the panels will be stored.



Keep the pallet securely covered to ensure no dust or dirt can get on or between the panels.

Worktop Processing



Safety precautions

The usual best-practice rules apply when operating machinery – appropriate personal protection and hi-vis clothing must be used and tools must be in good condition. The edges of unbevelled boards are sharp, so suitable anti-slip gloves should be worn. Cutting will create dust; protective eyewear and a dust mask are required.

Before processing

We recommend conditioning the countertops for 24 hours in the room where they will be joined before assembly. They should be installed and used in closed and ventilated rooms guaranteeing protection against factors such as high humidity, extreme temperatures as well as direct sunlight and water.

Before proceeding, check if the worktop has the right size, no mechanical damage or defects or color differences. If the worktop is secured with foil, it should be removed only after assembly.

Tools

MW 1000 work table
Festool

CTM 26 vacuum cleaner
Diameter of 40mm and a carbide milling cutter
with a diameter of 10mm

TS 55 REBQ plunger with FS rail

Edge milling machine MFK 700
Carbide milling cutter

OF 2200 router
14mm diameter carbide milling cutter

Copying ring
Diameter of 40mm and a carbide milling cutter
with a diameter of 10mm

Template APS 900/2
Used for joining worktops

Adjustable protractor FS-KS
Festool

Domino joining machine
Carbide milling cutter

Carpentry clamps FS-HZ 160
14mm diameter carbide milling cutter

Template for connecting Slim Line
countertops with HPL

Set for mounting the compact top
Festool