



NOVODECOR® WORKTOPS

Laminates for worktops and kitchen countertops

DESCRIPTION

NOVODECOR®'s laminates for worktops are highly resistant surfaces, destined to worktops and kitchen countertops.

Particleboard furniture grade MQ-1 CARB2 low formaldehyde emission, according to the rules of the official California Air Resource Board (CARB), surfaced with decorative laminate type HGP according to EN438-3. Formed worktops, model type in a single or double sided. The surface of the laminate is antibacterial, validated accordingly to Japanese regulation JIS Z 2801.

NOVODECOR® Worktops are available in a variety of colors, patterns and surface textures, providing extensive options for architects and designers.

Please check offer & service brochure for information on sizes and thicknesses available.

APPLICATIONS

Due to their functionality, NOVODECOR® Worktops are used in kitchens, bathrooms and offices, but also for shopfitting solutions and domestic furniture.



KITCHENS



RESTAURANTS
& HOTELS



OFFICES &
EDUCATION



BATHROOMS



WORKTOPS

PROPERTIES



SCRATCH
RESISTANT



ABRASION
RESISTANT



DURABILITY



EASY TO CLEAN



STAIN
RESISTANT

RECOMMENDATIONS

Worktops should be stored so that they are protected from moisture, humidity and direct sunlight.

NOVODECOR® laminates for Worktops should be applied horizontally, flat storage in enclosed and dry areas (approximately 20°C and 55 to 65% relative humidity) to exclude warping or dimensional changes due to climatic conditions. Vertical storage is not recommended. To avoid damage during storage, appropriate racking systems should be used. Worktops should be handled and transported with due care.

NOVODECOR® laminates require no special maintenance because of their durable, hygienic and waterproof surface. Their surface can be cleaned with warm water followed by wiping with a paper towel or soft cloth. Persistent contamination can usually be eliminated with non-abrasive household cleaners. They are resistant to most solvents and chemicals used daily at home.

Worktops can be processed with conventional woodworking machines.

Because laminates are classified as non-hazardous, no necessary additional product description labels are needed. They are cured materials and chemically inert. REACH classification does not apply to them.

NOVODECOR® laminates can be brought to controlled waste disposal sites according to current national and/or regional regulations.

QUALITY CHARACTERISTICS

The essential quality characteristics of laminates face composite boards, or worktops rather, are primarily defined by the properties of laminate and substrate

For standard formed worktops, the laminate is classified as HGP Horizontal-General-purpose Postforming.

That means that it is suitable for horizontal applications with postforming requirements. The essential quality characteristics such as surface abrasion, impact resistance and scratch resistance, require a high performance which is classified as per EN438: part 3.



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GENERAL FEATURES – SURFACE HPL

PROPERTIES	TEST METHOD	UNIT (MAX OR MIN)		HGP
Dimensional tolerance requirements (EN 438-2:2016, Clause n.º)				
Resistance to surface wear	EN 438-2:10	Revolutions (min.)	Initial Point	150
Resistance to water vapour	EN 438-2:14	Appearance, rating (min.)	All finishes	4
Resistance to dry heat (160 °C)	EN 438-2:16	Appearance, rating (min.)	All finishes	4
Resistance to wet heat (100 °C)	EN 438-2:18	Appearance, rating (min.)	All finishes	4
Resistance to impact by small diameter ball	EN 438-2:20	Spring force, N (min.)		20
Resistance to scratching	EN 438-2:25	Force (min.)	Smooth/ Textured finishes	2 / 3
Resistance to staining	EN 438-2:26	Appearance, rating (min.)	Group 1 e 2 / Group 3	5 / 4
Light fastness (xenon arc)	EN 438-2:27	Contrast	Grey scale rating	4 to 5

GENERAL FEATURES – SUBSTRATE PARTICLEBOARD P2 CARB2

PROPERTIES	TEST METHOD	UNIT (MAX OR MIN)		PB CARB2
General Requirements				
Bending strength (1)/(2)	EN 310	N/mm ²		8,5
Modulus of elasticity (mOe) (1)/(2)	EN 310	N/mm ²		1800
Internal Bond (1)	EN 319	N/mm ²		< 0,25
Surface soundness (1)	EN 311	N/mm ²		0,95
Moisture content (3)	EN 322	%		6 ± 3
Density variation within the board	EN 323	%		± 10
Formaldehyde emission				E1 & Carb2 & TSCA

(1) All figures are average values

(2) In machine direction

(3) The value refers to moisture contents measured within five days after the date of production



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GENERAL FEATURES – WORKTOPS

PROPERTIES	TEST METHOD	UNIT (MAX OR MIN)		WORKTOP
General Requirements				
Length Tolerance	EN 324-1	mm (max. variation)	L nominal	± 5
Width Tolerance	EN 324-1	mm (max. variation)	W nominal	± 1
Thickness Tolerance	EN 324-1	mm (max. variation)	T nominal	± 0,3
Squareness	EN 324-2	mm/m (max. deviation)		3
Flatness	EN 14323	mm/m (max. deviation)		1,5
Adhesive Durability	EN 204	Class		D3

The product contains recycled materials and can contribute to achieve LEED credits whitening MR Credit 4.

• Depending on the building project location, the product can fulfil the requirements for regional extracted and manufactured materials and contribute to achieve LEED credits within MR credit 5.

• The plant where material is produced have a Chain of Custody (CoC) in accordance with the principles and criteria of the Forest Stewardship Council (FSC®). The product can be supplied certified with the FSC® claim "FSC® Mix Credit" and Controlled Wood (CW), and also contribute to achieve LEED credits within MR credit 7.

The information given in this TDS is correct at the time of publication (0519 EN)

The company reserves the right to change specifications at any time without previous notification.