

Vy-CLAD® Sculptured Panels

UPDATED ↻

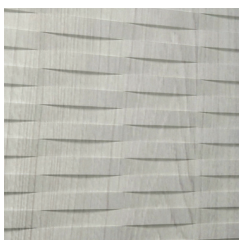


Made in the USA

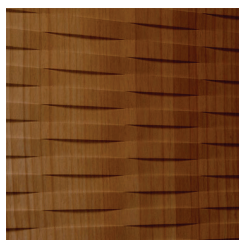
Vy-CLAD® Sculptured Panels are a collection of six high-performance thermoplastic foils that create a dynamic enhancement to three distinct patterns from the **Sculptured Collection**. Pair the available finish options which include wood grains, metallic, textures and solid colors in a matte finish with these Sculptured Collection panels to provide a solution-based product for the most demanding contract projects.



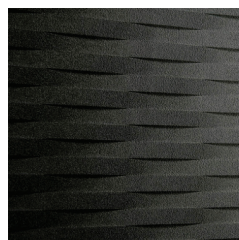
White - WPVYC001



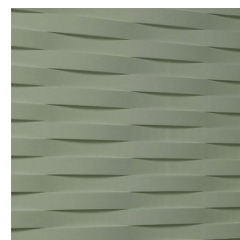
Grey Wood - WPVYC003



Cherry Wood - WPVYC005



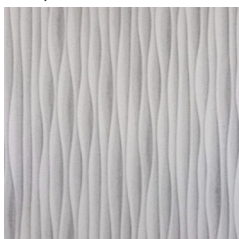
Black - WPVYC007



Warm Grey - WPVYC009



Metallic - WPVYC011



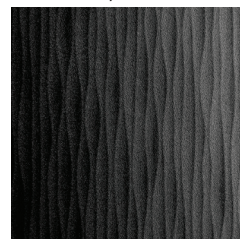
White - WPVYC013



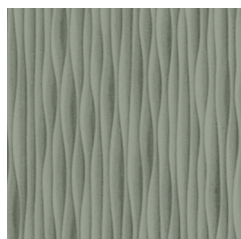
Grey Wood - WPVYC015



Cherry Wood - WPVYC017



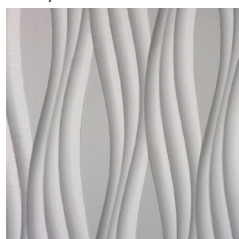
Black - WPVYC019



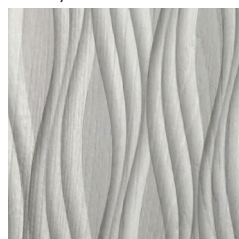
Warm Grey - WPVYC021



Metallic - WPVYC023



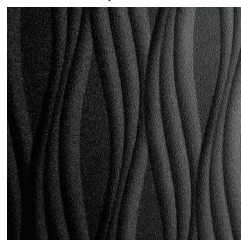
White - WPVYC025



Grey Wood - WPVYC027



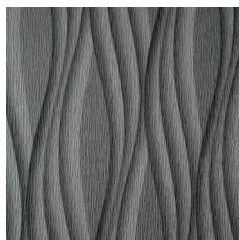
Cherry Wood - WPVYC029



Black - WPVYC031



Warm Grey - WPVYC033



Metallic - WPVYC035

View collection web page for the complete offering including additional product options, corresponding Spec ID# and updates.

SPECIFICATIONS

Five Panel Minimum

SIZE: 4' x 8'

THICKNESS: Standard: 3/4"; **Fire-Rated:** 11/16"

COLORS: White, Grey Wood, Cherry Wood, Black, Warm Grey, Metallic

- Custom panel options available

INSTALLATION: Z-Clip installation recommended

CONSTRUCTION: MDF substrate

- Made in the USA
- Class A Fire Rated with MDF panel available **upon request**
- Can contribute to LEED®
- Please note that variations in color and texture may occur due to the nature of the material

INSTALLATION METHOD

Never glue Sculptured MDF panels to drywall or sheetrock
The preferred method of installation is with Z-clips or Hanger cleats.

Blind fastening methods are the preferred means of installation due to the fact that it allows for prefinished panels to be delivered and installed without damage to the face.

Z-clips generally allow for closer spacing to the wall, approximately 3/16" between the wall surface and the back of a panel. Hanger cleats will generally require a minimum of 1/2" between the wall surface and the panel

A minimum of 4 attachments points is required over a 96" height.

Clearance must be considered between the top of the panel and the ceiling to allow the panel to be lifted and dropped onto the cleat or Z- clip

Never use an adhesive to fix the two parts of the cleat together. MDF is a wood product and will expand and contract due to changes in temperature and humidity. Taking this into account the panels should be allowed to "float" on the cleats.

Wood and veneered products are warranted for performance within a range of environmental conditions as specified by the Architectural Woodwork Institute (AWI), and in accordance with approved industry standards for installation.

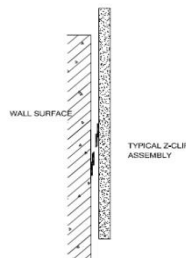
These are generally considered to be, between 25% and 55% rh @ 70 ° f. This can vary according to geographic region and must be taken into account while engineering the installation.

When applying a Z-clip to the back of a panel the relief of the pattern, position and length of the screws used must be taken into consideration in order not to damage the face of the panel.

Wood cleats should be glued to the panels as the primary means of attachment. Several screws should be used to hold the cleats in place while the glue sets. The same consideration for the panel with regard to, the relief of the pattern, position and length of the screws used, must be taken into consideration in order not to damage the face of the panel.

Wall mounted cleats should be secured into the aluminum or wood studs within the wall structure and not fastened only through the drywall or sheetrock.

It is the responsibility of the contractor to engineer the installation for its specific application. The following illustrations demonstrate several types of hanging methods.



MAINTENANCE

Surface should be kept clean with a dry rag or duster to wipe clean

WARRANTY

Material is to be free from defect upon delivery.
Please note that variations in color and texture may occur due to the nature of the material.

TECHNICAL DATA

TECHNICAL DATA FOR Vy-CLAD VINYL FILMS

Test	Result
3.8 Ball impact resistance....	>3000mm (118")
3.9 Dart Impact resistance....	>1000mm (39")
3.13 Wear resistance....	750 - 3250* (average cycles)
ASTM E84 (flame & smoke)....	CLASS A

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be understood as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed.

The quality of our products is guaranteed under the General Conditions of Sale of Klöckner Pentaplast GmbH & Co. KG.

3.4 Cleanability & Stain Resistance.....

Reagent	Cleaning Steps					Score	Stain Resistance
	0	1	2	3	4		
Distilled Water	-	-	-	-	-	0	N
Ethyl alcohol: water (50:50)	-	-	-	-	-	0	N
Acetone	1	1	1	1	1	5	S
Household ammonia	-	-	-	-	-	0	N
10% citric acid solution	-	-	-	-	-	0	N
Vegetable cooking oil	-	-	-	-	-	0	N
Coffee	-	-	-	-	-	0	N
Tea	-	-	-	-	-	0	N
Tomato catsup	-	-	-	-	-	0	N
Yellow mustard	-	-	-	-	-	0	N
Povidone iodine (10%)	-	-	-	-	-	0	N
Permanent marker	1	1	1	-	-	3	N
#2 pencil	1	1	-	-	-	2	N
Wax crayon	1	1	-	-	-	2	N
Black shoe polish	1	1	-	-	-	2	N

Cleaning Steps

0 = Removed with water.
1 = 25 cycles spray cleaner or sponge.
2 = 25 cycles baking soda plus spray cleaner on brush.
3 = Acetone and cotton ball.
4 = Bleach plus cotton ball.
5 = Not Removed.

Stain Resistance

N = No Effect.
M = Moderate Effect. Difficult to perceive stain.
S = Severe Effect. Easily perceive stain or damage to surface.

Please see NEMA LD3 2005 for a complete description of methods and list testing procedures.

*Test results may vary by color and design

Cleanability 14

Basic Line Dimensions		Basic Line Production Specifications			
Properties	Test Method	Unit	Values/Tolerances		
Width....	1420mm / 56"				
Thickness....	.010" - .016"				
Coiled length....	250 - 500lm standard (cut-to-length available)				
Gloss Stability ...	DIN 67530	< 60°	up to 15: ± 2		
Color Tolerance (Solids) ...	DIN 6174 (D65/10°, CIELAB)	ΔE	≤ 0.50		