



## ONGROCLAD®

Ongropack Ltd. offers its innovative cladding sheets under the trade name **ONGROCLAD®** as economical and hygienic wall cladding solution for healthcare, education, leisure and agriculture.

This hygienic system meets today's strict hygiene regulations and provides an excellent solution by its durability, impact resistance, imperviousness for covering large areas.

The application of this innovative material supported by high fire and chemical resistance achieves all building regulations.

Our white, pastel and vivid colour range enables to realize several imaginative design solutions.





# ONGROCLAD®



## Delivery program

Colour	Unit	Dimensions*
White and various shades of pastel Bright vibrant colours	mm	1220 x 2440 1220 x 3050

## Technical parameters

Parameters	Unit	Types
Width	mm	1220 - 2000
Tolerance of width	mm	+2,0; -1,0
Length	mm	2440 - 3050
Tolerance of length	mm	+5,0; -1,0
Thickness	mm	1,5 - 3,0
Tolerance of thickness	mm	1,51 - 1,8 +0,0; -0,15
		1,81 - 3,0 +0,0; -0,3
Deviation from right angle	mm	max. 3/1000
Colour consistency**	5 years according to the third grade of grey-scale of DIN 54001	
Deviation of colour white	$\Delta E \leq 1,5$ accoring to the DIN 6174 standard	
Surface	silky matt, gloss	

\*Other dimensions and thicknesses upon request.

\*\*This colour consistency is valid to the North from the 45 degrees of latitude on a max. altitude of 800 m in Europe, only.

## Advantages

- › antibacterial
- › non-toxic
- › high gloss and matt PVC finish
- › range of colours
- › good fire performance
- › high PVC chemical resistance
- › good impact strength
- › good printability
- › easily fabricated
- › easy to clean
- › indoor and outdoor usage
- › cost effective

## Application

### HEALTHCARE

- › pharmaceutical areas
- › hospitals, clinics
- › clean rooms
- › laboratories

### PUBLIC AREAS

- › shower, toilet, changing room areas
- › schools, nurseries
- › airports
- › public transportation facilities

### INDUSTRY

- › industrial kitchens
- › food manufacturing areas
- › sorting halls
- › storage rooms
- › refrigerator rooms

### AGRICULTURE

- › stock-yards
- › dairies
- › egg sorting halls
- › storage rooms
- › refrigerator facilities

### OTHERS

- › laundries
- › mortuaries

Ongropack Ltd.

H-3702 Kazincbarcika, POB 441.

Phone: +36 48 510 130 • Fax: +36 48 310 005

E-mail: sales@ongropack.hu



[www.ongropack.hu](http://www.ongropack.hu)



## ONGROCLAD®

### Technical data sheet

Properties	Test Method	Unit	Ongroclad
<b>Mechanical properties</b>			
Density	MSZ ISO 1183	g/cm <sup>3</sup>	1,45
Tensile strength	MSZ EN ISO 527-1,2,	MPa	> 45
Elongation at break	MSZ EN ISO 527-1,2,	%	> 25
Modulus of elasticity	MSZ EN ISO 527-1,2,	MPa	> 2500
Impact strength	MSZ EN ISO 179-2	-	no break
Impact strength at -20 °C	MSZ EN ISO 179-2	-	no break
Shore D	MSZ EN ISO 868	-	80
<b>Thermal properties</b>			
Vicat B	MSZ EN ISO 306	°C °F	79 174
Linear thermal expansion coefficient	DIN 53752	K <sup>-1</sup> x 10 <sup>-4</sup>	0,7
Thermal conductivity	DIN 52612	W/mK	0,2
<b>Electronical properties</b>			
Dielectric strength	MSZ EN 60243-1	kV/mm	21
Surface resistivity	DIN 53482	Ohm	10 <sup>13</sup>
<b>General properties</b>			
Fire rating*	DIN 4102 (D)	-	B2
	CSE RF 3/77 (I)	-	Class2
	NFP 92-501 (F)	-	M2
	BS 476 Part7 (GB)	-	Class2
	UL 94 (US)	-	VO
Water absorption	DIN 53495	%	0,2
Working temperature range	-	°C °F	0 - 60 32 - 140

\*On request B1, Class1, M1, Class1 available