

**HYG|ie|CLAD**

**A high-quality hygienic  
wall cladding sheet**

Perfect for your next wall cladding project.

**Hyg-ie-Clad premium sheets** are smooth hygienic panels which provide the perfect hygienic solution for wall cladding. Popular applications include commercial kitchens, food preparation areas, healthcare, childcare and sports facilities.

#### Installation

Thermoforming, welding, cutting and drilling.

#### Trims

Two-part joiners, one-part joiners, external corners, internal corners, J-trims, two-part edge trims.

#### Adhesives

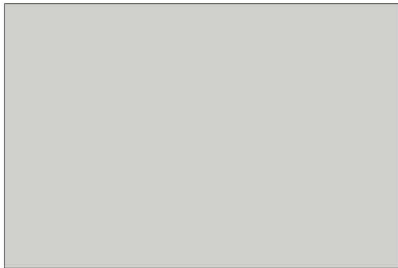
6.5kg two-part polyurethane tubs, HB40 600ml high polymer foil and HB40 310ml high polymer cartridge.

#### Features include:

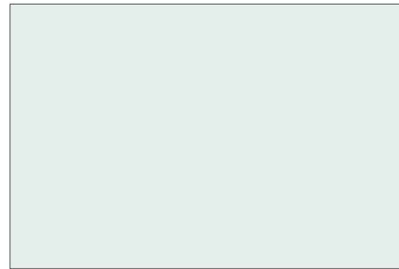
- Smooth surface
- Impact resistance
- Lightweight
- Waterproof
- Easy assembly
- 100% recyclable
- Excellent print quality
- Ten-year warranty for indoor use

## pastel colour range

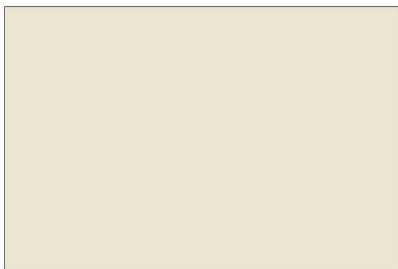
**GREY**  
**LRV57**



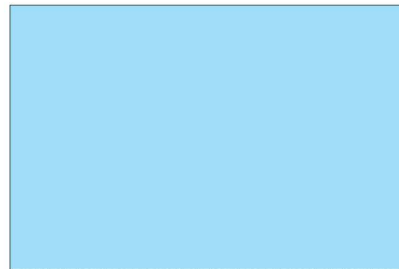
**SEAFOAM**  
**LRV78**



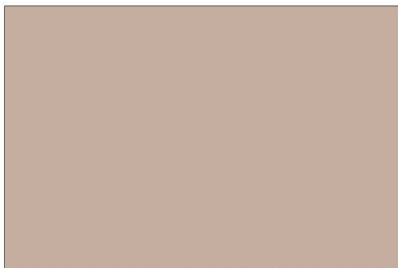
**OYSTER**  
**LRV71**



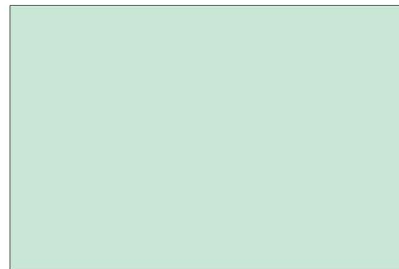
**SKY BLUE**  
**LRV64**



**FAWN**  
**LRV39**



**WILLOW**  
**LRV75**



# gloss colour range

**WHITE**



**WHITE**



**BLACK**  
LRV1



**BLUE**  
LRV7



**YELLOW**  
LRV53



**LIGHT GREY**  
LRV37



**RED**  
LRV14



**DARK GREY**  
LRV10



**GREEN**  
LRV4



**HYG|ie|CLAD**

# HYG | i e | CLAD

## Specifications

Sheet Sizes	1220 x 2440 1220 x 2750 1220 x 3050
Thickness	2.5mm
Finish	Satin/Gloss



## Mechanical properties

	Standard	Unit	Value					
			M	D	ES	H	WA	
Apparent density*	DIN EN ISO 1183	g/cm <sup>3</sup>	~ 1.43	~ 1.43	~ 1.43	~ 1.43	~ 1.43	
Yield stress (tensile strength)	DIN EN ISO 527	MPa	> 45	≥ 50	≥ 48	≥ 45	≥ 55	
Elongation at tear	DIN EN ISO 527	%	> 20	≥ 15	≥ 20	≥ 20	≥ 15	
Flexural strength	DIN EN ISO 178	MPa	≥ 80	≥ 75	≥ 75	≥ 70	≥ 80	
Compressive strength	DIN EN ISO 844	MPa	≥ 70	≥ 65	≥ 65	≥ 60	≥ 70	
Modulus of elasticity	DIN EN ISO 527 2/1A/50	MPa	> 2500	≥ 2500	≥ 2500	≥ 2500	≥ 3000	
Notched impact strength	DIN EN ISO 179-1ePA	KJ/m <sup>2</sup>	≥ 4	≥ 6	≥ 6	≥ 8	≥ 4	
Impact strength	DIN EN ISO 179	KJ/m <sup>2</sup>	0 °C	no failure	no failure	no failure	no failure	no failure
			-20 °C		no failure	no failure	no failure	
			-30 °C			no failure	no failure	
			-40 °C				no failure	
Ball indentation hardness (358 N/30 s)	DIN EN ISO 2039	MPa	~ 100	~ 90	~ 90	~ 90	~ 100	

## Thermal properties

	Standard	Unit	Value				
			M	D	ES	H	WA
Vicat softening temperature	DIN EN ISO 306 (process B50)	°C	≥ 75	≥ 72	≥ 72	≥ 72	≥ 75
Deflection temperature	DIN EN ISO 75	°C	~ 68	~ 66	~ 66	~ 66	~ 68
Coefficient of linear thermal expansion from -30 °C to + 50 °C	DIN EN ISO 11359-2 (process Ae)	mm/mK	0.08	0.08	0.08	0.08	0.08
Thermal conductivity from 0 °C to + 60 °C	DIN EN ISO 22007	W/mK	0.16	0.16	0.16	0.16	0.16

## Fire rating

B S3 D0 - CE Approved  
C S3 D0