



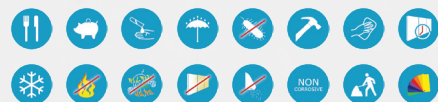
B-HYGIENIC RENOCEMPANEL

PRODUCT DESCRIPTION

B-Hygienic's RenoCemPanel is a cement panel, covered with our glass fiber reinforced composite opaque polyester sheet and available with a smooth or embossed surface, in thickness 6 or 9 mm. RenoCem panels are perfect to renovate walls in poor condition and where time pressure is key.

RENOCEMPANEL IS IDEAL FOR
BOTH NEW ESTATE AND RENOVATION!

CHARACTERISTICS



- Quick and easy to install (modular system)
- No profiles needed for installation, HygiSeal joints
- High impact- and scratch proof
- Fire retardant (optional, standard Euroclass E)
- Easy repairable
- Chemically resistant (e.g. blood, acids, brine, milk, ...)
- Food safe (HACCP, EU, BRC, FDA, USDA, ...)
- Economical (less cleaning product is needed)
- Water- and dirt resistant and anti-fungal
- Anti-static
- Easily and simply cleanable
- Suitable for heated and cooled spaces
- Anti-graffiti (ideal for public spaces)
- Does't discolour and assumes no odors
- Non corrosive
- Available in all RAL colours (standard RAL 9016 = hygienic white)

CORE CHARACTERISTICS

A. Testing according to ISO quality management system				
Density	oven dry	EN12467	1.180	Kg/m³
Bending strength	air dry ⊥	EN12467	23,0	N/mm²
	air dry //	EN12467	17,0	N/mm²
Modulus	air dry ⊥	EN12467	10.000	N/mm²
	air dry //	EN12467	10.000	N/mm²
Delamination resistance	air dry		0,50	N/mm²
Moisture movement	0-100%, gem.		1,20	mm/m
	30-90%, gem.		0,56	mm/m
Porosity	0-100%		40	%
B. Classification				
Durability class		EN12467	Category B	
Strength class		EN12467	Class 2	
Flammability class		EN 13501-1	A2-s1-d0	
		NBN S21-203	A1	
C. Type of test or best estimate				
Impermeability test		EN12467	OK	
Hot water test		EN12467	OK	
Saturated dry test		EN12467	OK	
Freeze-thaw test			OK	
Thermal expansion coef- ficient	α		6,5*10 ⁻⁶	m/mK
Thermal conductivity	λ		0,19	W/mK
Water vapour diffusion resist- ance number	μ		17-21	-
Specific heat	C	with 23°C	1018	J/kgK

Advantages (core):

- Water resistant and waterproof (NBN 492)
- Vapour permeable
- High strength and good resistance to accidental shocks
- Contribution to the stiffness of structures
- Fire-safe (no fire ignition, no spread of fire)
- Resistant to extreme temperatures
- Sound isolating
- Resistant to many living organisms (fungi, bacteria, insects, vermin, etc.)
- Resistant to many chemicals
- Environmentally friendly, no harmful gas emissions

TECHNICAL INFORMATION

Dimensions	2,6m x 1,2m (3,12 m ²)	
	3m x 1,2m (3,6 m ²)	
Length tolerance	0+2mm	
Weight / m ²	11,5 kg (± 8 mm)	
	15,7 kg (± 11 mm)	
Polyester tickness	1,5 - 2 or 2,3 mm (1 or 3 mm on demand)	
Core tickness	9 mm or 6 mm (only 2,6 m)	
Surface finish	Embossed or smooth (extra smooth or smooth matt on demand)	
Standard colour	White RAL 9016 (other colours on demand)	
Fire retardant	Core	Euroclass A2-s1-d0
	FRP	Standard Euroclass E
		Optional Euroclass C-s3,d0
		Optional Euroclass B-s2,d0

CONSUMPTION

Hard fix glue / m ² :	600 ml
White silicone / m ² :	150 ml
HygiSeal / m:	40 - 50 ml

