



TECHNICAL DATASHEET

MANUFACTURER ISO 9001 certified Cert. Nr. 2002-OSL-AQ-7219	FIBO AS Industriveien 2, 4580 Lyngdal, NORWAY														
AREA OF USE	Fibo is an interior panel for use in wet and dry rooms in both domestic and public areas. The panel is designed to be used in bathrooms, wet rooms, showers, kitchens and other areas with excessive water exposure.														
FITTING	Panels can be fitted directly onto a concrete wall or plasterboard, over tiles or onto a timber framework. Refer to the manufacturers fitting instructions enclosed with panels or downloaded from the Fibo UK website : www.fibo.co.uk														
INSTALLATION	It is critical that any exposed plywood on the panels must be sealed thoroughly in order to make them fully waterproof. Use corrosion free screws and/or high tensile strength glue to fix panels to the wall. Use a polymer sealant (not silicone) for all joints between panels and profiles and around bath and shower trays. Fibo have a range of sealants and adhesives. Recommended sealant : Hybrid MS Polymer sealant such Soudal "Soudaseal 215 LM" or C-Tec "CT1" Recommended adhesive : "No Nails", "Stixall" or similar high tensile strength, waterproof adhesive.														
FINISHES	Panels are available in different finishes depending on the colour chosen: Silk (S) Gloss (G) High Gloss (HG) Extra Matt (EM) SC (Saw Cut) Cement (C) Rustic (RU) Stone (STN)														
SIZE AND FORMAT	Three Standard Sizes: (1) 2400mm x 620mm (*600mm) with Aqualock jointing on the two long sides (2) 2400mm x 920mm (*900mm) with Aqualock jointing on the two long sides (3) 2400mm x 1200mm - square edged - no Aqualock jointing All panels are 10.2mm thickness (*net width i.e. decorative surface only excluding Aqualock tongue & groove system)														
PACKAGING	(1) 2400mm x 600mm – 2 panels per pack (12kg per panel/8kg per square metre) (2) 2400mm x 900mm – 2 panels per pack (18kg per panel/8kg per square metre) (3) 2400mm x 1200mm – 2 panels per box (24kg per panel/8kg per square metre)														
STORAGE	Panels should be stored flat , under cover, in dry conditions. The decorative surfaces should be facing each other to prevent accidental damage. <u>Do not prop up panels on their sides.</u> The panel moisture content should be >15% before fitting. Important to acclimatise panels in ambient conditions before fitting.														
CLEANING AND MAINTENANCE	Wipe down with soft cloth & water or non-abrasive cleaner. Everyday household cleaners, disinfectants and detergents do not affect the durable surface. Do not use limescale removers, bleach, paint stripper, spirits or toilet cleaners on the surface. Do not use steam cleaning devices.														
PROFILES 2.4m long	<table border="0"><thead><tr><th>Type</th><th>Finish</th></tr></thead><tbody><tr><td>Internal Corner</td><td>White PVC or Brushed Aluminium</td></tr><tr><td>External Corner</td><td>White PVC or Brushed Aluminium</td></tr><tr><td>L-Shaped (Finishing)</td><td>White PVC or Brushed Aluminium</td></tr><tr><td>J-Shaped (Finishing)</td><td>Brushed Aluminium</td></tr><tr><td>Stacking</td><td>White PVC or Brushed Aluminium</td></tr><tr><td>Base</td><td>Brushed Aluminium</td></tr></tbody></table> <p>(see Fitting Instructions or website for diagrams)</p>	Type	Finish	Internal Corner	White PVC or Brushed Aluminium	External Corner	White PVC or Brushed Aluminium	L-Shaped (Finishing)	White PVC or Brushed Aluminium	J-Shaped (Finishing)	Brushed Aluminium	Stacking	White PVC or Brushed Aluminium	Base	Brushed Aluminium
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CONSTRUCTION Ply core:	Fibo panels consist of a wooden core material covered with a decorative high-pressure laminate (HPL) on the front face and a backing laminate (HPL) on the reverse side. This core is a specially developed 7-layer 9mm WBP (exterior grade) birch plywood. All panels and kitchen boards are 70% PEFC certified (refer to website www.fibo.co.uk to download certificate). The plywood core is excellent for wetrooms, showers and other areas with extremely high humidity. The long edges of the panels (600mm and 900mm width) are delivered with our Aqualock "click lock" tongue & groove system for concealed fixing. 1200mm wide panels are straight edged without Aqualock.
TOLERANCES EN 324 part 1	Length +/- 2.0mm Width +/- 0.5mm Thickness +/- 0.4mm Difference from level +/- 0.3mm Banana 0.8mm Curving Convex 1.0mm Curving Concave 3.0mm Joint Opening Wet room 0.5mm Dry room 0.7mm Moisture level > 12% during production
FIRE RESISTANCE	Fibo panels have a Class 2 Spread of Flame certification tested according to BS 476-7:1987 Certain decors have Class 1 Spread of Flame certification. Please enquire at the Sales Office for further information.

CONSTRUCTION High Pressure Laminate:	Paper forms the basis of high-pressure laminates (HPL). The paper is impregnated with phenolic and melamine resins, dried and finally compressed to form an extremely hard and stable material – High Pressure Laminate HPL. HPL is a surface material that can be bonded to different kinds of substrates. HPL's have a very good wear resistance as well as resistance to most chemicals.	
The laminate meets the requirements of EN 438 Part 1 & 2 (ISO4586)	impact Resistance Wear Resistance (IP) Scratch Resistance (Abrasion) Heat Resistance Water Absorption Swelling Dimensional Stability Lengthwise Crosswise Light Resistance (Scale 1-8, 8=best)	Good Good >150 Max 180°C/356°F Good <3% <3% <3% <3% 6 - 8
Brilliance Test Method according to ISO 2813 Reference Point : 60 degrees	High Gloss (HG) : 105-110 Gloss (G) : 70-80 Silk (S) : 10-18	
Light Reflectance Values	LRV values for Fibo panels are available on request. Please contact the Sales office.	

CE MARKING	1071-CPD-0149-2004 EN 13986:2004 EN 636-2 EN 335-3 CLASS 2 Formaldehyde E1
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PEFC	All panels and kitchen boards are 70% PEFC certified. Fibo UK PEFC Certificate Number: INT-PEFC/CoC-001405
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STOCK	Fibo UK have a warehouse in Grimsby and Denny, Scotland. Delivery time is approximately 5 working days following receipt of order providing required items are in stock.
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NOTES : FIBO AS : EPD (Environmental Product Declaration) number NEPD0028IE

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