

## **Film Faced Miraluz**

The film faced is a product composed by faces covered by film used in concrete forms, produced by MIRALUZ. for being applied in technical works that require good reutilization rates.

### **Use**

For situations where a good exploitation is desired, because of the high performance of the boards for concrete forms.

### **Advantages**

Economy in case of usages in function of the good performance of the forms.

### **Composition**

Structural - Face and back face A, with C core or high. W.B.P gluing (100% waterproof).

### **Durability**

With high resistance to abrasion surface and can be reused for up to 20 times. Considered a high quality product by the requirement of the external market.

## **SPECIFICATIONS**

<b>Construction:</b>	100% Pine (Elliotis or Taeda). Faces: natural whole pieces
<b>Density:</b>	Core: natural or spliced whole pieces. About 650 Kg per CBM
<b>Film:</b>	Phenolic – 120g/m <sup>2</sup> (supplied by Dynea or Enso or Cove right)
<b>Abrasion resistance:</b>	Minimum of 450 cycles for complete removal of the film. WBP (Weather and Boil Proof) in accordance with British
<b>Glue:</b>	standard BS 1203-79, European Union standard EN 314/93, USA standard PS 1-95, Brazilian standard NBR 9532/96. USA Volunteer Product Standard (Pittsburgh Testing Laboratory Division) and European Union (BM Trada – UK)
<b>Certification:</b>	
<b>Dimensional Tolerances:</b>	
Thickness:	+/- 0,5 mm
Length and Width	+/- 2 mm
Squareness	maximum 4 mm between the diagonals
<b>Mechanical Properties:</b>	according to NBR 9533/96 and NP EN 310/02:

Modulus of Elasticity	
Paralell to faces	7000 N/mm <sup>2</sup>
Modulus of Elasticity	
Perpendicular	5400 N/mm <sup>2</sup>
Bending Strength	
Paralell to faces	60,4 N/mm <sup>2</sup>
Bending Strength	
Perpendicular	45,9 N/mm <sup>2</sup>
Tensions of rupture	
After 72 hours immersion in cold water:	2,45
N/mm <sup>2</sup>	
After 72 hours immersion in boiling water:	2,44
N/mm <sup>2</sup>	

**Any queries please contact Robert Cope – 084 565 0837**