

# PLASTFORM® 333 MDO

HIGH TECHNOLOGY  
CONCRETE FORMWORK



Size - 2440x1220x17.5mm

## Quality

Plastform 333 MDO is manufactured using total quality control procedures and is tested to US product standard PS 1-95. Exterior in accordance with EN314-2 Class 3.

## Endurance

Plastform 333 MDO uses a heavier weight of film than traditional panels (370gm/m<sup>2</sup>), giving a greater resistance and making it more durable on site.

## Strength

Manufactured using an engineered mixture of wood species, it allows the highest design strength, rigidity and dimensional stability.

## Durability

Plastform 333 MDO is manufactured using "Arclin 333" MDO and is factory coated with Nox-Crete™ release agent. It gives greater chemical resistance than traditional MDO's, increasing the number of uses.

## Finish

The hardwood veneer beneath the surface provides a substrate with no telegraphing of wood grain or defects. Minimal core joints minimise core voids or overlaps, ensuring the most consistent finish to the concrete.

## Environment

Plastform 333 MDO is an FSC certified product. Using material from responsibly managed and renewable forests. Giving the assurance for future generations that they will enjoy the benefits of the forest.

## A table of allowable concrete pressures/span when used in soffit or general formwork

Limiting Pressure (kN/m <sup>2</sup> )	Span (mm)					
	200	300	400	500	600	700
Bending Stress (fz.)	125	56	31.3	20	13.9	10.2
Deflection (El)	377	112	47	25.4	14	8.8
Planar Shear (qA)	70	43	31.1	24.3	20	17
Allowable Pressure	70	43	31.1	20	13.9	8.8
<b>Modification for dry stresses and moduli</b>						
Wet Exposure condition (K36)	Duration of load (K3)					
Bending stress K36 - 0.7	Bending stress K3 - 1.4					

### Plastform 333 MDO

Using the most recent MDO technology together with the strength and quality of the plywood manufacturer Madeireira THOMASI SA.

#### On site Care:

Plastform 333 MDO panels are edge sealed during manufacture. If they have to be cut during use, it is recommended that fresh edges be re-sealed to avoid localised swelling caused by rapid capillary penetration of moisture.

Use appropriate reactive release agent, such as PERI-clean, for porous surfaces.

The panels should be oiled twice before use, and thereafter once before each subsequent use.

Although cleaning Plastform 333 MDO panels are much easier and quicker than with traditional form materials, it is important to only use fibre brushes and synthetic materials when cleaning forms, to prevent damage to the faces which may occur with metallic tools

Although Plastform 333 MDO panels are very resistant to abrasion and impact, as with any finished surface, care must be taken during cleaning and use to prevent damage. Always use appropriate vibrators and techniques to protect the panel surface.

You can view our range of products and their applications by scanning our QR code.



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