



thomasi
PLYWOOD MANUFACTURERS



PLASTFORM MDO-333

PRODUCT

PLASTFORM MDO-333 is a modern product made up by film faced plywood boards for concrete forms. THOMASI S. A. exclusively brought this product concept from the United States. Boards are manufactured with high-density and defect-free defect free face venners.

ADVANTAGES

Savings related to the forms good performance. Besides giving higher mechanical resistance to boards, MDO synthetic plate makes them more resistant to concrete action as well as non-reactant to heat generated by concrete while curing. The product accepts board marking, and is more resistant to abrasion and chemical action.

USE

For conditions where high number of pours are expected high-performance, FOR CONCRETE FORMS (ARCHITECTURAL OR NOT).

STRUCTURAL

A*-face and counter-face plate with C* core or higher. W.B.P gluing (100 % waterproof)

SURFACE

Coated with MDO (Medium Density Overlay) new technology film. MDO is a synthetic layer that gives the boards mechanical resistance.

WEIGHT

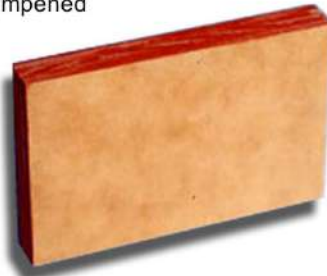
FILM total weight = 215/370 gr/m2 each face.

TESTS

MECHANICAL RESISTANCE TESTS	parallel direction	perpendicular direction
Elasticity modulus	7,099.70 N/mm2	7,278.40 N/mm2
Rupture Strength	51.26 N/mm2	57.01 N/mm2
Strength	30.45 N/mm2	32.24 N/mm2
Proportionality Limit	Dry	Wet
Shearing Strength	1.34 N/mm2	1.03 N/m2

MAINTENANCE

Boards cleanup shall be carried out with a dampened cloth, wooden or plastic spatula.



MEASURES

length	width	thickness
2440mm	1220mm	12mm
2440mm	1220mm	15mm
2440mm	1220mm	17,5mm
2440mm	1220mm	18mm
2440mm	1220mm	21mm
2500mm	1250mm	12mm
2500mm	1250mm	15mm
2500mm	1250mm	18mm
2500mm	1250mm	21mm

CUSTOMIZATION

- Pre-cut: PLASTFORM MDO may be supplied in the measures as established by structural form project.

PERFORMANCE TESTS

Humidity	8.19%
Swelling	6.28%
Apparent Specific Mass	0.65gr/cm3

TOLERANCES

- Length = $l \pm 3$ mm
- Width = $w \pm 2$ mm
- Thickness: $t \pm 0.5$ mm

ENDURANCE

High reuse may be achieved when usage specifications are followed. MINIMUM 20 POURS.

TECO
TESTED