

**FONDAFORM**
**Disposable formworks for foundations**

04.01.13 – revised on: 11/06/2012


Manufacturer's prescription
**Description**

FONDAFORM® consists of a honeycomb plate in polypropylene which can be cut and folded easily on size. Standard sheet sizes are 3000mm x 2400mm x 8mm and 3000mm x 2400mm x 10mm.

**Application fields**

FONDAFORM® is used as disposable formworks for foundation beams and footings. It can also be used to make reservations in concrete or as a protection for work shelters.

**Characteristics**

Quality : Q3

Color : Black

FONDAFORM 8 mm			
Dimension		Tolerance	
Thickness	8 mm	+/- 0,10 mm	
Weight	1450 g/m²	Average-whole plate :	+/- 5%
		Locally :	+/- 10%
Length	3000 mm	+/- 5 mm per meter	
Width	2400 mm	+/- 10 mm	
Center distance between 2 diagonals	-	Max 5 mm	
Reference code	KY08300		
Packaging	85 sheets per pallet		

FONDAFORM 10 mm			
Dimension		Tolerance	
Thickness	10 mm	+/- 0,10 mm	
Weight	1600 g/m²	On whole plates :	+/- 10%
		In repartition :	+/- 10%
Length	3000 mm	+/- 5 mm per meter	
Width	2400 mm	+/- 10 mm	
Center distance between 2 diagonals	-	Max 5 mm	
Reference code	KY10300		
Packaging	70 sheets per pallet		

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**Mechanical properties**

FONDAFORM 8 mm		
Dimension		Tolerance
Compression	~737 kPa	-
Bending	~281 N/mm <sup>2</sup>	-
Solubility	Non soluble	-

FONDAFORM 10 mm		
Dimension		Tolerance
Compression	577 kPa	-
Bending	Not measured	-
Solubility	Non soluble	-

**Treatments and additives**

Corona	No
Line marking	No
Additives	None

**Characteristics of the basic polypropylene**

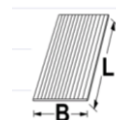
The basic polypropylene used in the manufacture of plates has the following characteristics

Physical properties	Method	Units	Value
Density	ISO1183	g/cm <sup>3</sup>	0,900 – 0,905
Mechanical properties	Méthod	Units	Value
Flexural modulus	ISO178	N/mm <sup>2</sup>	1200-1450
Yield strength	ISO527-2	MPa	27-28
Strain at break	ISO527-2	%	7-12
Izod impact strength (notched at 23°C)	ISO180/1A	kJ/m <sup>2</sup>	>60
Izod impact strength (notched at -20°C)	ISO180/1A	kJ/m <sup>2</sup>	8
Thermal properties	Method	Units	Value
Vicat softening point	ISO306/A	°C	150
Heat deflection temperature	ISO75/B	°C	85-95

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#### Regulation

Regulation	Yes	No	Litterature
Compliance for food contact	X		European Directive 92/39/CEE of 14/05/1992
Compliance for heavy metals	X		Decree nb.98-638 concerning heavy metals
Product classified as hazardous		X	See Material Safety Data Sheet

\* Based on information provided by the suppliers of raw materials

It is recommended not to expose the plates to UV radiation, high temperatures or high humidity to prevent warping.

FONDAFORM is 100% recyclable by:

- Incineration with energy recovery
- Grinding, repelletizing and extrusion
- Chemical recycling