

MARDOM DECOR

MARDOM DECOR

PolyForce®

TECHNICAL SPECIFICATION

CHARACTERISTICS

DENSITY:	ca. 450 kg/m ²
COMPOSITION:	polystyrene 95%
	The product is free of CFC.
	The product is free of asbestos.
	The product is free of cyanides
HARDNESS:	ca. 55 - 60 Shore D
THICKNESS:	Variable. 7 mm - 50 mm
TOXICITY:	The product itself has a low oral toxicity.
	The inhalation toxicity of the foam dust (inert dust) is considered to be low.
	LD 50 orale > 2 000 mg/kg
	LD 50 dermale > 2 000 mg/kg
FIRE FIGHTING MEASURES:	The vapour mixes with the carbon oxides.
FIRE RESISTANCE:	The standard material is not flame retardant.

M A R D O M D E C O R

PolyForce®

TECHNICAL SPECIFICATION

TECHNICAL DATA

1.1. MATERIAL:	foamed polystyrene
1.2 DENSITY:	450 kg/m ³
1.3 HARDNESS:	over 40 Shore D
1.4 OZONE DEPLETION FACTOR:	0 (cfc free, waterblown)
1.5 MELTING TEMPERATURE:	170 - 190°C
1.6 LINEAR THERMAL	
	40 - 60. 10 - 6 m/k m
1.7 SURFACE :	Will accept any kind of good quality paint.
1.8 PRIMER:	One component paint. The primer will accept any quantity of paint.

CHARACTERISTICS

2.1 CHEMICAL PROPERTIES:	Does not deteriorate. Resistant to most common solvents and moisture.
2.2 PHYSICAL PROPERTIES:	Shock and split resistant.
2.3 INFLUENCE OF TIME:	Dimensionally stable, will not alter with time.
2.4. INFLUENCE OF HUMIDITY:	No influence on the mechanical properties
2.5. INFLUENCE OF SOUND:	Polystyrene is acoustically neutral.
2.6. INFLUENCE OF LIGHT AND SUN:	UV - resistant.
2.7. TOXICITY:	The product has low oral toxicity. The majority of opinions suggest that the inhalation toxicity of the

Some authors consider that the foam dust should't be regarded merely