MARDOM
DECOR

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ProFoam®

TECHNICAL SPECIFICATION

CHARACTERISTICS

DENSITY:	ca. 220 kg/m²
COMPOSITION:	polyurethane polyol preparate (42%): alkylaminopoluol, diethylmethylbenzendiamine, alkylaminocarbonsaureamide difenylmethane - diisocyanate (58%). The product is free of CFC. The product is free of asbestos. The product is free of cyanides.
HARDNESS:	ca. 35 Shore D (can be variable)
THICKNESS:	Variable. 8 mm - 50 mm
SURFACE:	Covered with one component paint based on methylethylketone.
TOXICITY:	The product itself has a low oral toxicity. The inhalation toxicity of the foam dust (inert dust) is considered to be low.
FIRE RESISTANCE:	The standard material is not flame retardant.

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ProFoam®

TECHNICAL SPECIFICATION

TECHNICAL DATA

1.1. MATERIAL:	integral foam
1.2 DENSITY:	±220 kg/m^3
1.3 HARDNESS:	over 30 Shore D
1.4 OZONE DEPLETION FACTOR:	0 (cfc free, waterblown)
1.5 TEMPERATURE RANGE WITHOUT DEGRADATION:	-20°C/+80°C
1.6 IGNITION TEMPERATURE	Higher than 350°C
1.7 LINEAR THERMAL EXPANSION COEFFICIENT:	40 - 60. 10 - 6 m/k m
1.8 FIRE RESISTANCE:	It is possible to make poliurethane flame retardant.
1.9 PRIMER:	One component paint. Will accept any kind of good quality 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:	Polyurethane is acoustically neutral.
2.6. INFLUENCE OF LIGHT AND SUN:	Not UV - resistant. UV resistant after final painting.
2.7. TOXICITY:	The product has low oral toxicity. The majority of opinions suggest that the inhalation toxicity of the foam dust is low. Some authors consider that the foam dust should't be regarded merely as an inert 'nuisance dust'.