

MARDOM DECOR Poland

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DECLARATION

For the following equipment:

MOULDINGS IN POLYURETHANE: Mardom Decor PRESTIGE

Company: **Mardom sp. z o.o.**

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91-231 Łódź

POLAND

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Contact: Damian Biniek

CHARACTERISTICS:

Density: ca. 220 kg/m²

Composition : Polyurethane This is a composition of:

Polyol preparate (42%)

Amlkylaminopoluol

Diethylmethylbenzeendiamine

Alkylaminocarbonzuuraminde

Difenylmethane-diisocyante (58%)

This product is free of CFC.

This product is free of asbestos

This product is free of cyanides.

Hardness: ca. 35 Shore D (*) this value is variable

Thickness: This is variable: 8 mm to 30 mm.

Surface: Every product has a one component paint on methylethylketone basis.

Toxicity: The product itself has low oral toxicity as has been demonstrated in animal feeding test.

The majority opinion appears to be that the inhalation toxicity (of foam dust) is also low,
it is an inert dust.

Flame retardant: The standard material is not flame retardant.

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POLYURETHANE RIGID FOAM

1. TECHNICAL DATA

1.1 Material:

Integral foam.

1.2 Density:

± 220kg/m³

1.3 Hardness:

Above 30 shore D

1.4 Ozon 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 Coefficient of linear thermal expansion:

40-60 . 10⁻⁶m/k m

1.8 Fire retardant:

It is possible to make the polyurethane material Flame retardant.

1.9 Primed:

One component paint. Primer will accept any qualitative paint.

2. CHARACTERISTICS

2.1 Chemical properties:

Does not deteriorate and resistant to most common sol- vents and moisture.

2.2 Physical properties:

Shock and splitting resistant.

2.3 Influence of time:

Dimensionally stable: will not alter by time.

2.4 Influence by humidity:

Has no influence on the mechanical properties.

2.5 Influence of sound:

Polyurethane is accoustically neutral.

2.6 Influence of light and sun:

Not UV-resistant. UV-resistant after final painting.

2.7 Toxic:

The product itself has low oral toxicity as has been (of foam dust) is also low but some authors consider that the foam dust should not be regarded merely as an inert 'nuisance dust'.