

CONSTRUCTION

Everad[®] ADS and ADP FR Adhesives and impregnations The fire resistant products !

Euroclass

The Euroclass system is a classification of construction materials according to their reaction to fire, under the European Directive 89/106/EEC. The Euroclass system divides construction products into two families:

- Flooring
- Other products

Euroclass classifications are as follows :

A1 : For non-combustible materials
B : For limited-combustibility materials
C : For combustible materials
D : For highly combustible materials
E : For highly flammable and flame-propagating products
F : For unclassified or untested products

These classes can be supplemented by additional classifications:

s: Smoke production classification

s1 : Very limited smoke emission
s2 : Limited smoke emission
s3 : Material that meets the criteria of neither s1 nor s2

d: Production of burning droplets/particles

d0 : No droplets
d1 : Burning droplets lasting no more than 10 seconds
d3 : d0 nor d1

Everad[®] ADS Serie 7000 adhesives

Euroclass classification: according to Everad's evaluations.

Everad[®] ADS Series 7000 offers the following benefits

- Resistance to temperatures above 1000°C
- Non-flammable
- Water-based system
- Free of solvents, VOCs, formaldehyde, plasticisers, phthalates, isocyanate and halogen
- Environmentally friendly
- Easy to apply
- Ready for use
- Versions developed for application by spraying, with rollers or by extrusion
- Easy cleaning of application equipment, with water
- Cost-effective



AUTRES PRODUITS QUE SOLS			
CLASSES SELON NF EN 13501-1			EXIGENCE
A1	-	-	Imcom - bustible
A2	s1	d0	M0
A2	s1	d1	M1
A2	s2	d0	
B	s3	d1	
	s1	d0	
C	s2	d1	M2
	s3	d1	
D	s1	d0	M3
	s2	d1	M4 (non gouttant)
Toutes classes autres que E-d2 et F			M4

SOLS		
CLASSES SELON NF EN 13501-1		EXIGENCE
A _{fl}	-	Imcom - bustible
A _{fl}	s1	M0
A _{fl}	s2	M3
B _{fl}	s1	
C _{fl}	s2	
B _{fl}	s1 s2	M4
<p>s : fumées ; d : débris enflammés. Les classes admissibles sont définies par une combinaison de niveaux de performance lorsqu'il est fait appel à des classification(s) supplémentaires(s)</p>		

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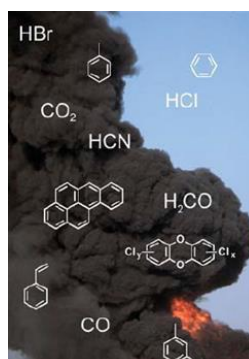
Everad® ADP Serie 7130 FR

Flame retardant impregnations

FR impregnations are aimed at making the impregnated foams more resistant to fire. Such products are used to address the risk of fire in insulating material, furniture etc. Depending on the formulation, the flame resistance can be increased. The performance of impregnated foams is appreciated because of the following characteristics:

- Self-extinguishing product
- No burning droplets/particles
- Combustion length
- Smoke emission.

The dispersions mainly available in the market are made by adding halogen compounds. These products are controversial, because all the toxic effects of these compounds on the human being and environment are not yet known. Everad® ADP Series 7130 FR impregnations are halogen-free.



Applications

The most frequent application is that of open-cell polyurethane foam impregnation, which is core impregnated. Such foam is designed for sealing doors and windows and building walls. Other applications are possible for all foam products that need improved flame behaviour. Use in the area of transport, automobiles, water sports, packaging, engineering foams etc. Impregnations add more value to your products for a lower cost, compared to FR foam.



Everad® ADP Série 7130 FR offers the following benefits :

- Flame retardant
- 100% solvent free and VOC free
- No added halogen
- High efficiency
- Quick process
- Ready for use
- Easy application by soaking
- Viscosities adapted to the application methods
- Dyed or undyed



Everad® dispersions

Acrylic dispersions for foam impregnation

Everad® ADP 7131 FR

Everad[®] ADP 7132 FR

