

EMÜLZER DDM 2K – B

TWO COMPONENT, POLYURETHANE BASED, DEVELOPED FOR WIDE JOINTS, LIQUID JOINT FILLER MATERIAL

DESCRIPTION:

It is a two component, polyurethane based, high performance joint filler material which is developed for wide horizontal joints.

USAGE AREAS:

Wide dilatation joints (Joints with a width of at least 2 cm)
Joints of water tank
Joints of irrigation canals
Joints of airport runways

TECHNICAL PROPERTIES:

PROPERTY	RESULT	UNIT	STANDARD
Density at 20°C	1,3	gr/cm ³	TS EN ISO 2811-1
Hardness	± 25	Shore A	TS EN ISO 868
Service Temperature	(-40) - (+90)	°C	
Application Temperature	(+5) - (+35)	°C	
Curing ime at 25°C and 50% r.h.	5	hour	
Elongation at Break	> 500	%	TS 1368-3 EN ISO 527-3
Elastic Recovery	> 80	%	TS 6084 EN ISO 7389
Pot Life (20°C)	30 (max.)	minute	

ADVANTAGES:

It is cold applicable.
Resistant to abrasion.
It is self leveling, easy and fast applicable
Its adherence to the application surface is very high. It is resistant to aging.
It has great resistance to different climate and heat conditions.
In addition to its effective waterproofing properties, it also exhibits very good resistance to chemical and other destructive factors.
Excellent performance against abrasion.
It has excellent resistance against microorganisms, fungi and various chemicals.
Resistant to cold.
It is resistant to sweet and salt water.
It has effective mechanical properties.
It's elastic.

SURFACE PREPARATION:

Joint surfaces must be clean and dry. Joint edges should be cleaned by wire brush, spiral motor or sandblasting. If it is possible, joint should be cleaned with compressed air.
If EMULSER DDM 2K-B is applied on wet or damp surfaces it will make foaming. Surface humidity should be measured by suitable humidity meter.
If the joint substructure is exposed, backer rod should be used and should be placed at a depth of about half of the joint width.

EMÜLZER ASFALTEVİ TECRİT MADDELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

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APPLICATION:

PU ASTAR should be used according to the surface condition and the climatic conditions in the application process.

After pouring Component B into the Component A, it is mixed with low-rotation drill after until providing homogeny mixture and the mixture is poured into the joint. A spatula or a suitable crotch gun may also be used. The mixture should be used approximately in 30 minutes; otherwise it turns to be gelatin and can not be improved again.

The application surface should be kept away the water minimum 6-8 hours.

CLEANING OF TOOLS:

The cleaning of the tools is accomplished with cellulosic thinner just after the usage.

CONSUMPTION:

WIDTH DEPTH	2 cm	4 cm	8 cm
1 cm	0,280 kg/m ²	0,560 kg/m ²	1,12 kg/m ²
2 cm	0,560 kg/m ²	1,12 kg/m ²	2,24 kg/m ²

STORAGE – SHELF LIFE:

Shelf life is at least 8 months from the date of manufacture if stored in original unopened package at 20 ° C.

The entire opened package must be consumed.

It must be keep away from freeze.

PACKAGING:

5 kg + 1 kg (Component A + Component B)

20 kg + 4 kg (Component A + Component B)

PRECAUTIONS:

Protective gloves should be worn during application (S 37)

Do not leave the box cover open (S 7)

Do not expose to direct sunlight and heat (S 3/15)

Keep out of reach of children (S 2)

Eyes and skin should be protected when working with all chemical substances (S 24/25)

Because this bulleting has been prepared considering the general conditions only, for the details except for the ones written above, please request additional written information otherwise no responsibility will be assumed due to the faults arising because of the insufficient data.

This technical bulletin invalidates the previous ones regarding this product.

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