

NOVABOARD

DESCRIPTION

NOVABOARD is a pre-molded bituminous board used as protection against backfill and horizontal construction traffic.

USES

- ▶ Protection layer against backfill below grade areas such, as foundations and basements.
- ▶ Against damage caused by construction traffic.
- ▶ Concreting or other toppings in horizontal areas.
- ▶ Protection for the waterproofing for walls, slabs, parking, plaza, terraces, tunnels, bridges, planters, pools and fountains.

NOVABOARD provides a positive protection not only during construction and backfilling but also at the time of later settlement.

ADVANTAGES

- ▶ Withstands normal construction abuse and impact from backfilling operation.
- ▶ Protection against construction traffic, concreting and other topping works.
- ▶ Rot-proof – unaffected by permanent or periodic immersion in ground water.
- ▶ Resistant to salts, chlorides and other chemical normally found in soil.
- ▶ Impermeable to water and low vapor transmission enhanced water tightness.
- ▶ Excellent resistance to puncture and normal site handling.
- ▶ Can be applied by adhesive or by torch.
- ▶ Compatible with most waterproofing systems.

APPLICATION

NOVABOARD should be installed in buff joints continuously over the waterproofing material staggering the joints whenever possible. Cut the NOVABOARD with roofer's knife as required to obtain complete coverage and neat overall finish.

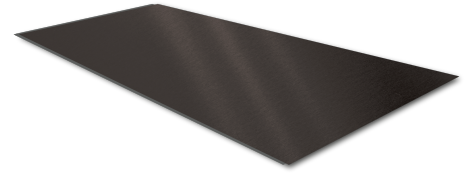
On horizontal surfaces, NOVABOARD can be placed loose directly on the waterproofing membrane or coating while spot bonding with ADVAMASTIC or neoprene adhesive on the edges to avoid spillage.

On vertical surfaces, NOVABOARD can be fixed in two recommended ways:

- ▶ Cold adhesion by the means of spot bonding with ADVAMASTIC or neoprene adhesive.
- ▶ Heated application by slightly burning the underside of the board away from the surface and quickly pressing it.

A temporary support might be necessary until the backfilling starts. During the backfilling, care must be taken to ensure the board is not dragged down.

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HEALTH & SAFETY

(Environment Test (ASTM D543) Health Hazards)

Irrespective of thickness NOVABOARD is resistant to Chlorides, Sulphates and Phosphates found in ground water. There are no health hazards associated with normal usage. Wear gloves while handling to avoid injury.

TECHNICAL SPECIFICATIONS

PROCEDURE	UNITS	TOLERANCE	VALUE			
			3.2mm	4.0mm	6.0mm	
ASTM						
Length		m	<-1%	2	2	2
Width		m	<-1%	1	1	1
Thickness	ASTM D5147	mm	-0.2mm	3.2	4.0	6.0
Water Absorption	ASTM D5147	%	mlv	<0.55	<0.55	<0.75
Puncture Resistance	ASTM E154	N	mlv	700	900	1300
CE						
Length	EN 1850-1	m	<-1%	2	2	2
Width	EN 1850-1	m	<-1%	1	1	1
Mass per unit area	EN 1850-1	kg/m ²	±10%	4.5	5.5	7.65
Thickness	EN 1850-1	mm	-0.2mm	3.2	4.0	6.0
Resistance to Static Loading (Method A)	EN 12730	kg	min	25	25	25
Resistance to impact	EN 12691	mm	mlv	>700	>700	>700
Reaction to fire	EN 1-13501		Euroclass	F	F	F

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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