

A quick setting two-component multi functional bituminous waterproofing system



DERBIGUM® DMS

The DERBIGUM DMS is a two-component multi functional bituminous waterproofing system without Volatile Organic Compound (VOC). It is developed to ensure a quick setting and to be suitable for many possible applications. The DERBIGUM DMS is excellent for bonding bituminous waterproofing membranes, for sealing the overlaps of these membranes, for bonding insulation, for working as a temporary waterproofing and for correcting the irregularities on a concrete substrate. The DERBIGUM DMS fits perfectly into Derbigum's environmental philosophy.



Advantages

- A quick setting multi functional bituminous waterproofing system without any Volatile Organic Compound (VOC).
- DERBIGUM DMS is suitable for many possible applications with only ONE product set.
- Thanks to the quick setting property, it can be used on very steep slopes.
- The DERBIGUM DMS is a nearly instant waterproofing and can be used then as a temporary waterproofing.
- It can be used to seal the overlap joints of a bituminous waterproofing membrane when the membrane is applied in total adhesion.
- The DERBIGUM DMS has a viscosity that can be adjusted with DERBIGUM DMS FIBERS according to the needs of the jobsite.
- The components are pre-metered for a perfect mix. No need of weighing on jobsites.
- The can remains open according to the realities of the jobsite (+/- 1h).
- Perfect and long-lasting total adhesion.
- Can fill the irregularities of the substrate.
- Suitable for a "total cold" application of a roof system (from the vapor barrier to the final layer), which ensures a higher security on jobsites.
- The DERBIGUM DMS is suitable for bonding all types of insulation (expanded polystyrene insulation - EPS included)
- Suitable also for the cold bonding of the membrane on these insulations and on the upstands.
- Can be used for the waterproofing of roof details and flashings.



DERBIGUM®

IMPERBEL sa/nv
Bergensesteenweg 32 – B-1651 Lot
Tel: +32 (2) 334 87 00
Fax: +32 (2) 378 14 69
E-mail: info@derbigum.com

Application

Equipment	- mixer with low shear - Derbigum roofer's squeegee - notched trowel
product Application Application Temperature	Between 10 and 35
Cleaning	The cleaning will be done preferably before the setting of the adhesive thanks to : - White spirit or benzine
Consumption	± 2 kg/sqm for a temporary waterproofing on a concrete substrate ± 1.5 kg/sqm for a total adhesion of insulation ± 1 kg/sqm for a total adhesion of membrane ± 350 g/linear meter for sealing the overlap joints of bituminous membranes

Packaging

Old format : Derbigum DMS - Component A : 15 kg Derbigum DMS - Component B : 2.725 kg Derbigum DMS - Component C (fibers) : 400 g New format: Derbigum DMS - Component A : 18 kg Derbigum DMS - Component B : 2.7 kg Derbigum DMS - Component C (fibers) : 750 g		
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Density	± 1,05	kg/l
Uv Resistance	6 months max when used as a temporary waterproofing	-

Storage

In airtight cans. Keep away from sun, moisture and frost. To avoid altering the components during night frost, the products must be stored and used at a temperature above 5°C and below 40°C.

Instructions for use

Components

The perfect mix in no time

preparation time : 5 minutes

Derbigum DMS is composed of **3 components : A, B and C**

- Component **A** to ensure waterproofing
- Component **B** to increase the rate of chemical reaction
- Component **C** to return the desired viscosity to the mixture

For the following work, you only need a mixture of "Components A + B".

- Temporary waterproofing and / or vapor barrier
- Bonding of insulation panels (full adhesion)
- Bonding of waterproofing membranes

With the mixture "Components A + B + C", you can do the following work without flame.

- Details
- Upstands
- Overlaps
- Bonding of insulation panels (strips)
- Leveling of surfaces
- Various small repairs



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Mixture

- Mix Component A with an electric mixer so as to make it homogeneous.
- Mix Component A into Component B with an electric mixer.
- Add Component C (fibers) to the "Components A + B" mixture and blend with an electric mixer until the fibers are no longer visible.



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