



## Scobamat-HD

Scobamat - Heavy Duty (HD) is the strongest ground reinforcement mat used for various heavy duty applications around the world. Although only 5mm thick Scobamat-HD has a sensational compressive strenght of up to 350t per square meter. That means there is no vehicle too heavy for Scobamat-HD!

Made in Switzerland this innovative, high quality product has been tested under harshest conditions by the Swiss Federal Laboratories for Materials Science and Technology. Scobamat-HD has proven to be the ideal product for airports who need to rescue passenger aircraft that come off runways, but also for trucking companies who appreciate the mats extraordinary capabilities.

For more information check [www.scobamat.com/scobamat-hd](http://www.scobamat.com/scobamat-hd)







## ***Scobamat-MD***

Scobamat - Medium Duty (MD) is the lightest and most versatile mat used for multiple medium duty applications. With a weight of less than 6kg per square meter these mats are easy to deploy and predestined for fly-in applications. Optionally integrated fluorescent substances make this mat glow in the dark after they have been illuminated by headlights.

Scobamat - MD has originally been developed for helipads, but in the meantime the mats are being used for jet rescue operations, fire fighter, landscaping, surveillance and other applications. These patented, honeycomb shaped, hightech mats can be interlocked to create large shape conclusive platforms or access roads.

For more information visit [www.scobamat.com/scobamat-md](http://www.scobamat.com/scobamat-md)







## ***Scobamat-LD***

Scobamat - Light Duty (LD) is the most economic solution for light duty applications such as for example walkways and event platforms. Whenever environmental sensitive ground or indoor flooring needs to be protected, Scobamat-LD is the perfect solution. Optionally embedded corporate logos provide an effective branding opportunity.

The integrated interlocking system makes Scobamat-LD a very time and cost efficient solution. Further the anti-slip surface ensures highest safety standards for passengers and vehicles alike. Scobamat-LD comes in a standard square size and can be conveniently installed by one person.

For more information visit [www.scobamat.com/scobamat-ld](http://www.scobamat.com/scobamat-ld)







## Tech Data

**Compressive strenght** - Scobamats can withstand exceptional compressive forces of up to 225t/m<sup>2</sup> on hard/hard and even 350 t/m<sup>2</sup> on hard/soft ground.

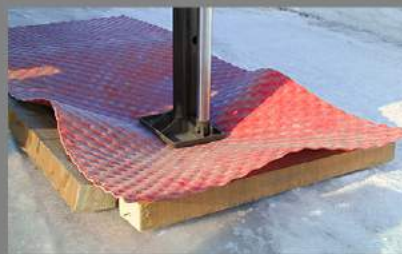
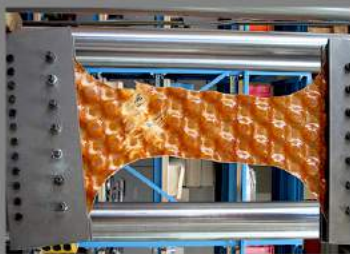
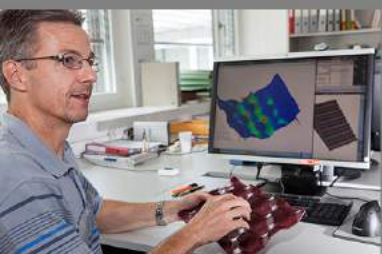
**Abraasive strenght** - An abraasive test with hundreds of semi trucks driving over Scobamats, laid out on a hard gravel road, proved the mats thoughness.

**Flexural strenght** - EMPA performed various destructive tests and verified a flex-ural strenght of 660 Nm/m and a bending stiffness of 90 Nm/m.

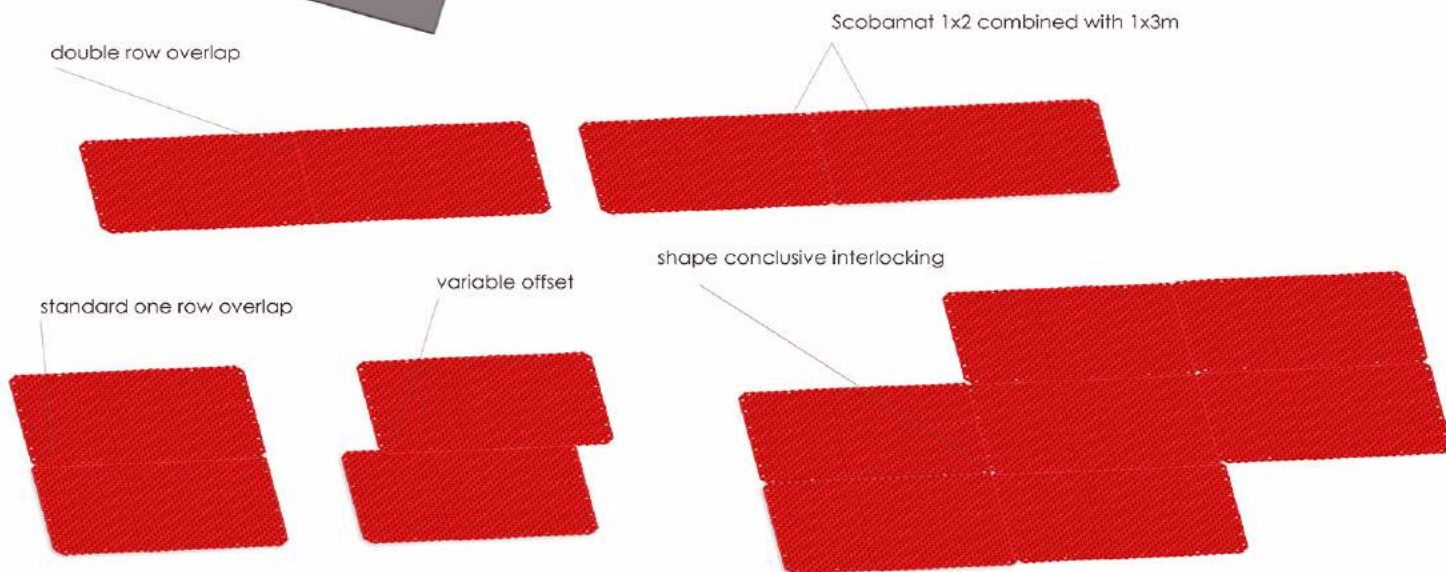
**Temperature** - Scobamat has been successfully tested in arctic cold (minus 55 degree Celsius) and desert hot (plus 80 degree Celsius) climates.

**Material** - Scobamat consists of fibre reinforced epoxy resin pressed by one of Europe's largest press for max. product compactness, durability and strenght.

For more information visit [www.scobamat.com/about](http://www.scobamat.com/about)







## Layout

Classic straight layout - All Scobamat products can be used to build straight access roads or platforms of any size.

Classic curved layout - All Scobamat products can be used to build curved access roads by simply offsetting one mats length or width at a time.

Variable curved layout - Scobamat-HD & MD can be offset as little as one Scobamat honeycomb width at a time, which equals approximately 10cm(\*).

Specialized layouts - Scobamat-HD & MD are interchangeable mats that can be overlapped one or several rows if extra interconnection strenght is needed. The combination with custom cut mat sizes make Scobamat extremely versatile(\*).

Note(\*): The standardized hole pattern may needs to be modified using Scobamats field service drilling tool

For more information visit [www.scobamat.com](http://www.scobamat.com)







## Options

**Mat size** - Scobamat-HD & MD standard dimensions are 2x4m, 2x3m and 1x2m. Custom cuts are possible. Scobamat-LD has standard dimension 1x1m.

**Surface** - Scobamat-MD can be ordered with fluorescent substances that glow in the dark. Scobamat-LD can embed customized corporate logo.

**Interlocking System** - All Scobamats have a shape conclusive interlocking system for optimized force transmission and to prevent swamp from penetrating to the surface. The Scobamat-HD & MD Connector System can be adjusted according to the actual workload.

**Tools** - Scobamat offers customized tool development for specific applications

**Certifications** - Scobamats have been tested and approved by the Swiss Federal Laboratories for Materials Science and Technology.

