

In order to reduce the incidence of severe injuries that take place in children's playgrounds, and in particular the incidence of head injuries associated with falls, the EU has created a standard to assess and set the requirements for the shock-absorption capacity of surfaces onto which children fall from playground facilities.

To meet the EU's requirements Rådasand has produced its EU sand. Rådasand's EU sand is tested by SP Technical Research Institute of Sweden according to SS-EN 1177.

On basis of this test, we can exactly dimension the thickness of the sand layer which is needed to reduce the risk for injuries in regards to the highest fall height for the playground in question.

To receive the exact shock-absorbing properties it is needed that the purchaser informs Rådasand the highest fall height for the actual area. This height will be the base when Rådasand calculates the minimum layer thickness which is valid for the sand. This layer thickness must be followed by the purchaser to obtain the right properties for the construction.

Rådasand's EU sand is washed and has no granules smaller than 0.2 mm. This means that the sand do not generate dust and has a very little tendency to be compacted, enabling the sand's functionality to remain.

Rådasand's EU sand is by nature rounded and has granular size up to max 1.2 mm which considerably reduces the risk for abrasions or other surface wounds when children fall from a height or fall on the ground while playing.

Conclusively this means that, by the Rådasand shock-absorbing sand, EU sand, in right layer thickness, reduces the risk considerably for injuries associated with fall while playing at playgrounds.

The sand can be delivered in 5-25 kgs plastic sacks, big bags or in bulk delivered by tipper or bulk-bodied truck.



Rådasanden in natural size in dry (top) and wet (middle) condition. Colour reproduction may vary due to printing process used.

Product specification sheet: Shock absorbing sand, Eu sand , rev 1.0.  
Contains basic technical data. Rådasand AB reserves the right to change specifications without giving prior notice.

Please contact us if you want further information of the sand from Rådasand, get references or ask for a sample delivery.

#### Rådasand AB

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Rådasand AB is certified according to ISO 9001:2000 and ISO 14001:2004.