Product specification

Hyttsten 0/63 mm
Type L (low density)

Issue: 03
Date: May 12, 2010

Field of application
Sub-base in road constructions.
For more information, see our web site.

Origin
Air-cooled blast-furnace slag. **Hyttsten** is the Swedish trade name for the all-purpose aggregate, known as ACBFS (air-cooled blast furnace slag) in the US and Canada and ABS in the EU.

Specific properties
The product has low bulk density, high friction, and creates cement-like bindings which become stronger over time.

Handling advice
In order to increase packing density and cement bindings, we recommend that you water the Hyttsten when laying it.

Health and environmental impact
See safety data sheet.

Quality assurance
The material is piled up during manufacturing to avoid segregation. The product is handled in batches. A batch weighs about 20,000 tons and inspection/adjustment of the product takes place when production begins and every 10,000 tons.

Chemical analysis [percentage by weight]

Analysis	Guiding value
SiO2	33
CaO	32,5
MgO	16,5
Al_2O_3	12,5
TiO_2	2,3
S	1,1
MnO	0,3
FeO	0,2

Physical analysis/properties

Bulk density approx. 1,35 kg/dm^3

Micro Deval <35 (M_{DE} 35)

Thermal conductivity
(SP report P902992)

Humidity kg/kg	Thermal conductivity W/(m· K)
0,093	0,68

SSAB

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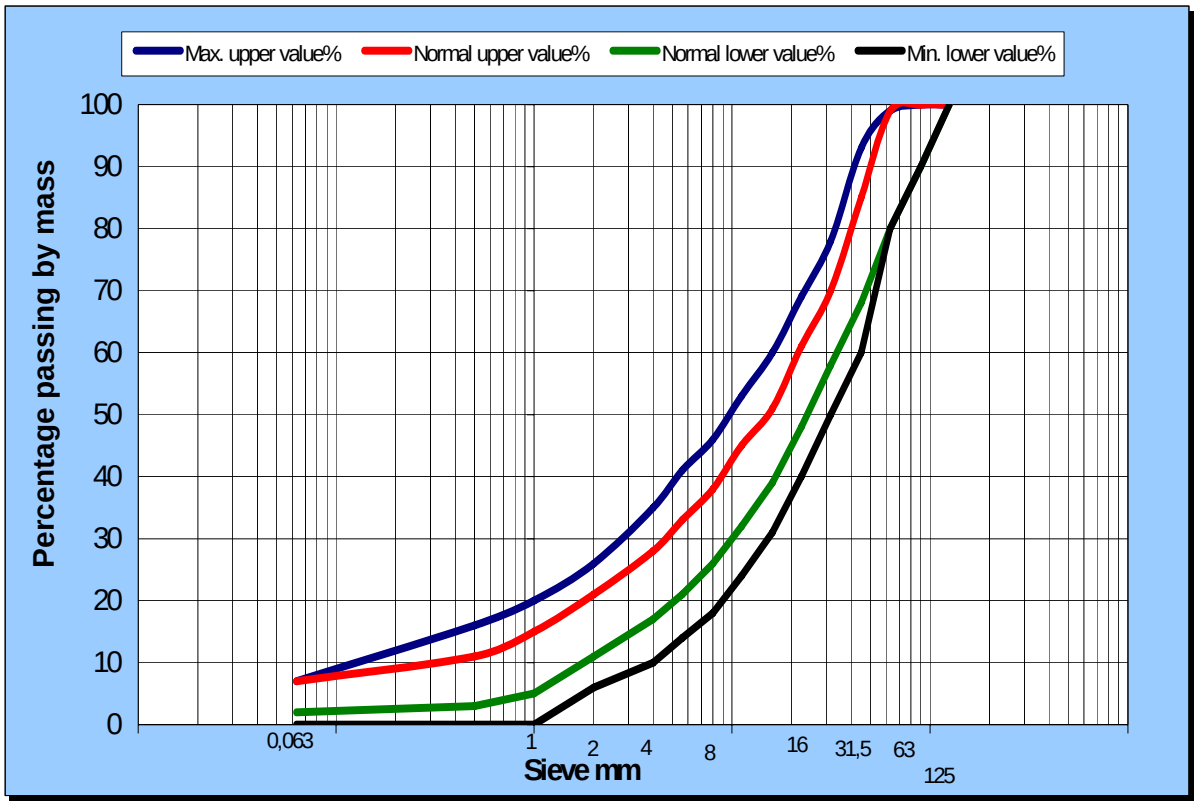
Particle size distribution (PSD), Hyttsten 0/63

Sieve size mm	0,063	1	2	4	8	16	31,5	63	125
Max. Upper value%	7	20	26	35	46	60	78	99	100
Normal upper value%	7	15	21	28	38	51	70	99	100
Normal lower value%	2	5	11	17	26	39	58	80	100
Min. Lower value%	0	0	6	10	18	31	50	80	100

Remark: Particle size distribution is defined by SS-EN 13242 and SS-EN 13285.



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