

# SR

## SEMENTTI CEMENT

**Sulphate resistant cement**  
CEM I 42,5 N - SR3

**SR cement** is a sulphate-resistant cement that is suitable for sulphate stressed applications. Typical applications are foundations and bridge structures exposed to sulphate stress, as well as concrete structures for the wood processing and chemical industries.

Thanks to the low water demand of SR cement, concrete can be produced with a low water-cement ratio, which improves the tightness of the concrete and thus also its durability. SR cement is made from special cement clinker with a maximum  $C_3A$  content of 3.0%.

Cement properties	Requirements (SFS-EN 197-1)
Strength 2 d	$\geq 10$ MPa
Strength 28 d	$\geq 42,5$ MPa and $\leq 62,5$ MPa
Initial setting time	$\geq 60$ min
Soundness	$\leq 10$ mm
Loss on ignition	$\leq 5\%$
Insoluble residue	$\leq 5\%$
SO <sub>3</sub>	$\leq 3,0\%$
Chloride content	$\leq 0,10\%$
Cr <sup>6+</sup>	$\leq 2$ mg/kg
C <sub>3</sub> A	$\leq 3,0\%$
Cement composition	Requirements (SFS-EN 197-1)
Cement clinker	$\geq 95\%$ and $\leq 100\%$

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