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This report replaces report F525395 of 2005-12-22.

Performance of abrasion tests on a concrete slab (1 annex)

Commission

Commissioned by Sydsvenska Miljöprodukter, SP has carried out abrasion tests on a concrete slab measuring about 1200x800x100 mm. The specimen arrived at SP on 2005-12-21. The tests were carried out on 2005-12-21.

Information given by the client regarding the test specimen

The quality of the concrete is not known. The top surface was floated. Of the surface of the slab approximately half (600 x 800 mm) was treated with concrete hardening fluid Jensen SI-22. The remaining half was left untreated.

The concrete slab was produced on 2005-12-02 and the treatment with hardening fluid was carried out on 2005-12-12.

Test method

Swedish Standard SS 13 72 41.

Test results

The test results only refer to the tested surfaces and are shown in annex 1.

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Annex 1 Test results

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Annex 1

Test results**Untreated slab**

Number of revolutions	Depth of abrasion (mm)
100	0,20
200	0,28
400	0,47
800	0,79
1600	1,25

Treated slab

Number of revolutions	Depth of abrasion (mm)
100	0,11
200	0,15
400	0,20
800	0,33
1600	0,74

Note. Every reported value represents the mean value of nine measurements.