

MPE International AB
Magnus Söderholm
Russinvägen 22
123 59 Farsta

Water absorption and resistance to alkali acc EN 13 580

(4 appendices)

1 Assignment

Testing of *OFF Ask Enlager* on concrete. Tests carried out in accordance with the procedures of EN 13580 *Products and systems for the protection and repair of concrete structures – Test methods – Water absorption and resistance to alkali for hydrophobic impregnations*.

2 Test schedule

The test objects and scope of the test are shown in table 1. The test programme started in Mars 2015. Final testing concluded on May 2015.

Table 1. Test schedule for treated and untreated concrete samples

Property	Method	Test object	
		Measurements (mm)	Number
Water absorption and resistance to alkali	EN 13 580:2002	100x100x100	3 treated 3 untreated

The concrete and the test samples "Type C (0,45)" were produced and stored at CBI Swedish Institute for Concrete Technology in Borås in accordance with the directions of EN 1766.

OFF Ask Enlager, batchnr 130423 which arrived at CBI in Borås 2015-03-03, was applied by CBI in accordance with the manufacturer's recommendations. The amount of finish applied was checked by weighing. CBI has no other information relating to the substance and sampling.

3 Results and Comments

Figure 1 shows the absorption ratio (AR) and absorption ratio after exposure to alkali (AR_{alk}). The test results is shown in appendix 1.

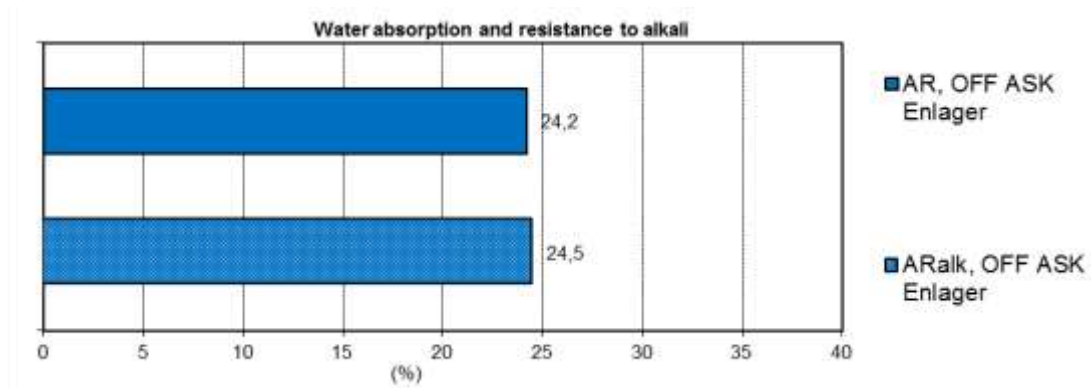


Figure 1. Absorption ratio (AR) and Absorption ratio after exposure to alkali (AR_{alk})

The tested product *OFF Ask Enlager* is not approved according to the requirements (<15%) in VTT-R-01292-14/EN table 3.4.

The Swedish Cement and Concrete Research Institute (CBI) Testing & Control

Performed by

Examined by

Pavlos Ollandezos

Cathrine Ewertson

Appendices

1 Test results

This is a translation from the Swedish original document. In the event of any dispute as to the content of the document, the Swedish text shall take precedence.

