

Nunnanlahden Uuni Oy  
Joensuuntie 1344 C  
FI-83940 NUNNANLAHTI, Finland

## 1. SAMPLE DATA

Sender:	Nunnanlahden Uuni Oy, Nunnanlahti
Date of arrival:	27 Aug. 2001
Analysis request:	<b><u>Determination of water receptivity</u></b>
Samples:	4 samples
Sample location:	Soapstone from Nunnanlahden Uuni Oy
Sample taken by:	Not specified in the order
Preparation of samples:	Hannu Kokkonen
Orderer's sample markings:	VEK1, VEK2, VEK3, and VEK4

### 1.1 Sample material and sample numbering

Soapstone / square-edged piece	VEK1	010 - VEK1
Soapstone / square-edged piece	VEK2	010 - VEK2
Soapstone / square-edged piece	VEK3	010 - VEK3
Soapstone / square-edged piece	VEK4	010 - VEK4

### 1.2 Study and study method

Determining of water receptivity according to the ASTM C97-47 standard.

### 1.3 Preparation of the sample (manufacturer/commissioner)

The samples were ready to be analysed, and they were of a square-edged form. The square area of the base was 50 x 50 mm<sup>2</sup>, and their height was 76 mm. The samples were prepared by Hannu Kokkonen.

**1.4 Analysis equipment, methods, date, and performer of the test**

Heating oven: Heraeus, T5042, nominal temperature of 250 °C

Scales: Scaltec SBA 52

The handling of the samples and determining of water receptivity have been performed according to the ASTM C97-47 standard.

Date of analysis and performer of the test: 4-6 Sep. 2001, engineer Tapio Lahdenperä.

**2. RESULTS OF THE ANALYSIS**

<u>Sample</u>	<u>Water receptivity, percentage by weight</u>
010 - VEK1	0.0849
010 - VEK2	0.0824
010 - VEK3	0.0842
010 - VEK4	0.0801

The mathematical median value for water receptivity over four determinations is 0.0837.

The result is valid only for the samples tested.  
The test report may be copied only in its entirety.

In Oulu on 22 Oct. 2001

KIVITIEETO OY



Tapio Lahdenperä  
Engineer  
Performer of test



Aulis Kärki, PhD  
Geologist  
Supervisor of test