

SAMPLING BUILDING MATERIALS



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The Building Materials (Soil and Surface Waters Protection) Decree for the Netherlands came into effect on 1 July 1999 for the use of stony materials and earth in construction and other works.

The purpose of the Decree is to prevent the pollution of surface waters, groundwater and soil. Harmful substances leaching from stony building and other materials or contaminated earth can cause pollution.

The Decree is in line with the general thinking on quality and quality control. It includes rules, regulations and standards which guarantee a specified quality of building materials, including earth.

The Building Materials Decree affects all parties who play a role in the building process, such as manufacturers and suppliers of building materials (who are exporting to the Netherlands), local authorities, which are responsible for enforcement of the Decree, laboratories which test the environmental quality of building materials, certifying bodies, etc.

Practically this means that all building materials must be certified and for this they must be sampled and tested in a correct way.

Eijkelkamp Agrisearch Equipment can supply you with the necessary sampling-, measuring- and sieving equipment.

20.06 Set for Building Materials Decree

The set consists of three parts:

- An auger set for sampling till a depth of 10 metres.
- Measuring- and sieving equipment.
- Sampling shovels.

Auger set

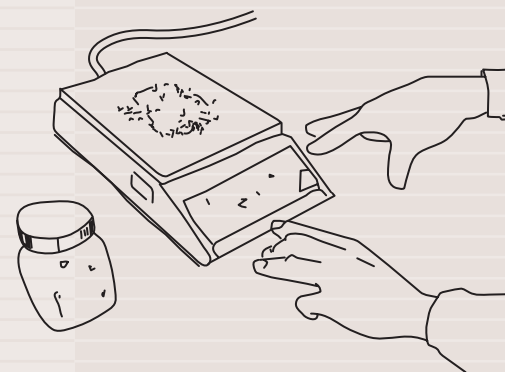
In the auger set are included, amongst others: a handle with all synthetic grip, an Edelman auger combination type in two diameters, a Riverside auger in two diameters, a gouge auger, extension rods and a bent spatula.

All equipment can be transported in a carrying bag for field equipment.

A sample is taken with the Edelman auger.



The sample is weighed on the electronic balance.



Set for the Building Materials Decree



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A sample is taken with the sampling shovel.



Measuring- and sieving equipment

The samples can be sieved with the stainless steel sieves. Included in the set are: a lid and bottom, a sieve with galvanized steel plate sieve and a stainless steel wire mesh sieve (aperture 16 mm).

For position determination and measurement of the building materials to be sampled use can be made of the surveying instruments which are included in the set.

For distance measurements the synthetic measuring tape with a length of 50 metres can be used.

The included lightweight, liquid-damped clinometer has an accuracy of 5 degrees on the top scale and 1 degree on the precision scale.

On the percent scale the clinometer has an accuracy of 1% from 0-70% and 2% from 70-150%.

For determination of position a mirror compass is also included in the set.

The included electronic balance has a capacity of 12000 g and an accuracy of 1 g. and a dust and splashwater proof housing. The balance can be operated easily with the 4-key pad and has

a build-in calibration program.

The dimensions of the stainless steel weighing plate are 230 x 180 mm. The balance is supplied with a mains adapter 230 V/50 Hz.

Sampling shovels

The included sampling shovels (with extra grip) are specifically suited to sample loose discharged materials (granulates). The dimensions of the sampling shovels are resp. 12x12x12, 18x18x18 and 24x24x24 cm.

Eijkelkamp Agrisearch Equipment can supply more optional items from the broad range of hand augers, core samplers, balances, sieves and surveying equipment.



Synthetic measuring tape



Electronic balance



Clinometer



Sampling shovels