



MBE SAND

CONCRETE EQUIVALENT MORTAR

METHOD: CORRELATION WITH CONCRETE

USAGE

This method makes it possible to design, from a concrete composition, a mortar – called concrete equivalent mortar (MBE) – whose rheological properties (collapse and spreading in the mini cone) are correlative to those of the concrete.

MBE Sands are available in 3 options:

- MBE Sand according to the client's formulation; this formula belongs to the client and cannot be reproduced.
- MBE Sand according to the client's concrete formulation; the SNL translates the client's concrete formulation into sand MBE.
- MBE Sand according to a so-called standard or reference SNL formulation; it is available itself in three versions:
 - ✓ Concrete
 - ✓ Liquid Screed
 - ✓ Self-compacting concrete

PHYSICAL AND CHEMICAL CHARACTERISTICS

MBE sand is composed of natural silica sand with a silica content greater than 98% and additions of fines (siliceous or calcium carbonate) depending on the versions

The constituent grains of natural sand are uncrushed, rounded in shape, whereas fine siliceous or limestone fines are crushed by nature.

The humidity of the MBE sand is less than 0.2%

GRANULOMETRY AND CONTROLS

MBE sand varies from 0-2 mm to 0-4 mm depending on the versions. Production checks are carried out by the SNL laboratory and result in a certificate per order.

PACKAGING

The weight of the MBE bags will be determined according to the volume of your batches to be ready for use for your tests and thus avoid tedious mixing tasks and ensure the regularity of the MBE sand to eliminate any bias in the comparison of the results.

The distribution of grain sizes is guaranteed at +/-2 gr.