

SCAN  SUOMEN
WAS ERITYISJÄTE

Advanced dry treatment of MSWI bottom ash

Municipal solid waste incineration bottom ash (MSWI BA) is the material that is left on the grate after the incineration of municipal solid waste. About 20-30% of the incinerated waste converts into bottom ash.

We are the first company in the Nordic countries to treat MSWI bottom ash with the breakthrough Advanced Dry Recovery (ADR) separation technology.

Compared to conventional dry separation technologies, the advantage of the ADR technology is in its ability to recover valuable metals more efficiently. This method does not require bottom ash aging; only the largest metal pieces must be screened. In addition, no waste water is generated, since no fluids are used in the treatment.

Because of the unique dry separation technology, minerals from the bottom ash, i.e. our Scanwas manufactured aggregate, can be used to replace natural sand and gravel, for example, in road construction and concrete products. In addition, with our technology, valuable metals can be more efficiently separated and recycled as raw materials for the metal industry.

Over 400 000 tons worth of experience.



SCAN WAS



Versatile Scanwas manufactured aggregate is a responsible choice

Our Scanwas manufactured aggregate can be used instead of sand and gravel in, for example, infrastructure construction and concrete products. The aggregate is especially suitable for the lower structural layers of, for example, pedestrian routes, parking lots, and storage fields.



Scanwas Bet1/5

APPLICATIONS, E.G.:
concrete elements



Scanwas Bet4/12

APPLICATIONS, E.G.:
concrete elements
and paving stones



Scanwas Infra0/2

APPLICATIONS, E.G.:
filtration layers of
field structures



Scanwas Infra0/32

APPLICATIONS, E.G.:
sub-base layers of
roads and field
structures



SUOMEN
ERITYISJÄTE

Nordic excellence in MSWI bottom ash treatment!

More information and sales

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