

O.B.B.-Sand "EW 30"

emulsion-bonded moulding sand

O.B.B.-Sand "EW 30" is bonded with a special emulsion. It is delivered **ready to use**. Its high green strength allows producing contour and dimensionally accurate castings.

Application:

O.B.B.-Sand "EW 30" is used for **cast iron** as well as **non-ferrous metal** with an average wall thickness. It is used in hand and machine moulding.

Features:

Due to the special emulsion, only few oil components will get into the normal moulding sand. Therefore only slight emissions occur during the pouring. There is enough lustrous carbon in our sand for achieving a very smooth casting surface and thus avoiding additional finishing costs. **O.B.B.-Sand "EW 30"** replaces the dry sand method by its green strength and its high thermic capacitance. **O.B.B.-Sand "EW 30"** can be reclaimed with our special-emulsion "W".

Physical Properties type:

		"EW 30"
Compressive strength	[g/cm ²]	1350
Shear strength	[g/cm ²]	400
Gas permeability	[]	18
Flowability	[%]	45
Fineness of grain	[AFS]	140
Average grain size	[mm]	0,09

Processing:

When applying the sand on the model, the first layer should **always be sieved** and lightly pressed. Thereafter, the moulding box may be filled with unsieved moulding sand and compressed. **Do not add water** and **do not use any coating**.

Packing:

25-kg-bags

Storage:

At least 1 year in airtight bags. Physical or colour alterations may occur by solar radiation and/or admission of air.

The above information is correct to the best of our knowledge and careful consideration. OBB-sands are produced from natural raw materials. All data are approximate values at the time of production with product- and production- related tolerance. They serve only to describe and does not constitute guaranteed properties. We guarantee the faultless and consistent nature of our products, however, we are not liable for further processing results that usually arise beyond our control. Safety Data Sheets are available and can be requested from KBO.

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