

## O.B.B.-Sand "A 25"

water-bonded moulding sand

**O.B.B.-Sand "A 25"** is pure water-bound, **environmentally friendly**, moulding sand which is delivered **ready to use**. It distinguishes itself from other moulding sands by its much finer grain structure. Because of this fineness and its specific binding, it can be processed very well. With this sand high green strength are achieved, which is a prerequisite for contour and dimensionally accurate castings with **highest surface quality**.

### Application:

**O.B.B.-Sand "A 25"** is mainly used for **industrial-**, and **art castings** (all types of cast metals) with polished and machined surfaces. In many applications areas it replaces the natural moulding sand and the ceramic precision casting method. **OBB-sand "A 25"** is also used when **emissions are to be avoided** during pouring and oil is unwanted in the circulating sand.

**O.B.B.-Sand "A25"** is the standard grade and is used for all types of casting.

**O.B.B.-Sand "A25 P"** has an increased fluidity and is also used for all types of casting.

**O.B.B.-Sand "A25 L"** is mainly used for steel castings.

### Features:

**O.B.B.-Sand "A 25"** includes an appropriate share of lustrous carbon, to achieve very smooth surfaces without rework. The quality of the sand is set so that usual additives are not required.

**O.B.B.-Sand "A 25"** can be regenerated.

### Physical Properties type:

		<b>A 25</b>	<b>A 25 L</b>	<b>A 25 P</b>
Compressive strength	[g/cm <sup>2</sup> ]	1.400	1.600	1.400
Shear strength	[g/cm <sup>2</sup> ]	380	450	380
Gas permeability	[ ]	20	20	20
Flowability	[%]	45	29	55
Fineness of grain	[AFS]	140	140	140
Average grain size	[mm]	0,09	0,09	0,09

### Packing:

25 kg bags

### Storage:

At least 1 year in airtight bags. When UV radiation (sunlight) and / or air supply can both color and physical changes occur. **Important:** After using the sand keep bags immediately airtight to avoid a drying out of the sand. Protect from frost.

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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