



SLOVENSKÉ MAGNEZITOVÉ ZÁVODY
AKCIOVÁ SPOLOČNOSŤ
JELŠAVA

BASIC OXYGEN FURNACES





TRADITION TOP QUALITY EXPORT TO ALL OVER THE WORLD

Production and delivery for metallurgical, ceramic, chemical and building industry and agriculture

Metallurgical and ceramic industry

- sintered magnesia for brickmaking
- ramming mixes
- repair mixes
- gunning and parging mixes
- filling mixes
- slurry gunning mixes for tundishes
- slagging mixes
- mortars

Chemical industry

- raw magnesite
- brickmaking powder

Agriculture

- Agromag grade products
- CCM grade products

Building industry

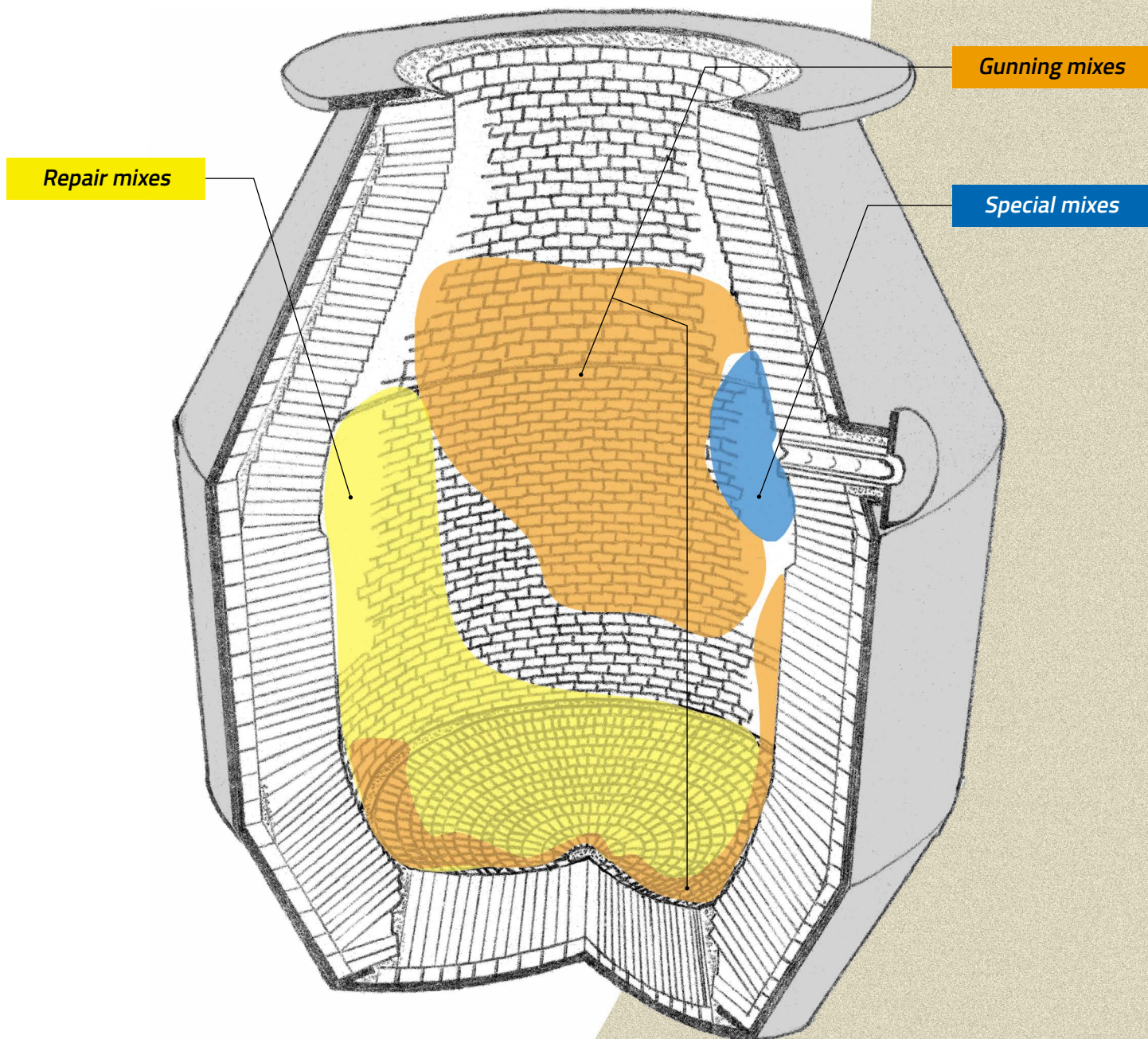
- magnesite sand and gravel of different fractions



Slovak magnesite works, JSC, Jelšava is one of the top European and world producers of basic monolithic mixes. The company offers to its customers quality, long-time tradition, reliability and precision to become a key market player on the market at four continents of the world.

BASIC REFRACTORY MONOLITHIC MIXES

- **RAMMING**
- **REPAIR**
- **SLURRY GUNNING**
- **GUNNING**
- **FILLING**



Product	MgO [%]	Characteristic - field of application	BD [kg.dm ⁻³]	Grainsize [mm]	Temperature [°C]	Bond
GUNNING MIXES						
JEGUN 378	81,0	<ul style="list-style-type: none"> Basic refractory gunning mixes, produced on the basis of Jelsava sintered magnesia. Slag line, Mouth. 	—	0-2	1 700	chem.
JEGUN 589	81,5			0-2	1 700	chem.
JEGUN 478	81,5			0-3	1 700	chem.
JEGUN 378/1	83,5			0-3	1 700	chem.
JEGUN EXTRA 35	83,5	<ul style="list-style-type: none"> Basic refractory gunning mixes, produced on the basis of Jelsava sintered magnesia and best worldwide dead burned magnesies. Slag line, Mouth, Trunnion, Bottom. 	—	0-3	1 750	chem.
JEGUN EXTRA	85,5			0-3	1 750	chem.
REPAIR MIXES						
JEMACHARGE	52,0	<ul style="list-style-type: none"> Basic refractory repair mix, produced on the basis of Jelsava sintered magnesia. Scrap impact area, bottom. 	—	0-4	1 700	chem.
MIXES FOR SPECIAL USE						
JEMIX 490	87,5	<ul style="list-style-type: none"> Special gunning mixes, produced on the basis of Jelsava sintered magnesia and best worldwide dead burned magnesia. Taphole area. 	—	0-4	1 750	chem.
JEHEARTH 709 HQ	73,0	<ul style="list-style-type: none"> Special ramming mixes, produced on the basis of Jelsava sintered magnesia, best worldwide dead burned magnesia and chrome ore. Wall and bottom contact area. 	2,70	0-4	1 750	chem.
JEHEARTH 604 HQ KK	78,0		2,70	0-4	1 770	chem.
JEHEARTH 709 HQ KK	79,0		2,70	0-4	1 790	chem.

* - following the consultations and customer's requirements the modification in chemical and physical parameters is possible. The parameters are typical.



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