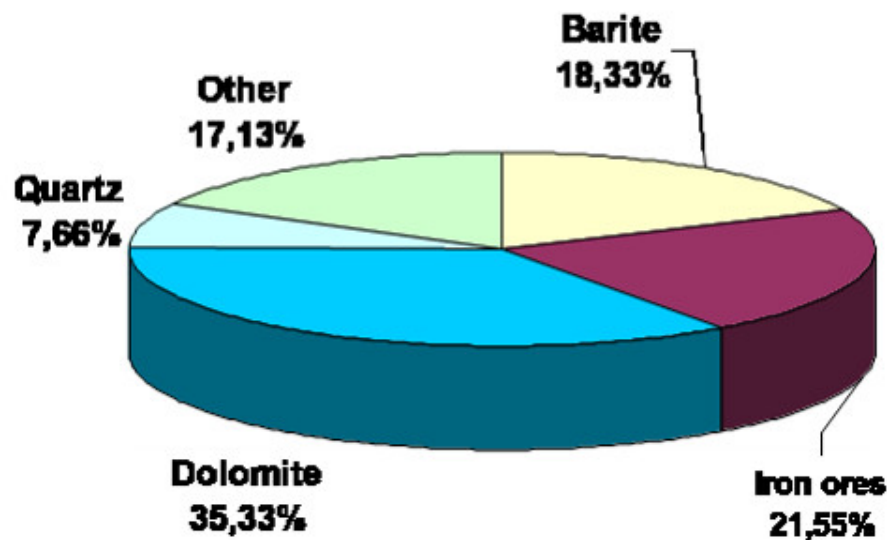


PRODUCT LINE OF BASE MATERIALS

**RAY PROTECTIVE, SELF COMPACTING, HEAVY AND
HIGH STRENGTH CONCRETE AND
HEAVY PLASTER-WORK
PRODUCTS AND PRESCRIPTIONS
SUPPLIED WITH TRADE MARKS**



assurance of 2.600 – 3.380 kg/m³ body mass weight

INTRODUCTION

Baritmix[®] Product Line of ray protective, self compacting, heavy and high strength concrete and heavy plaster-work (2.600-3.380 kg/m³)

Our company makes (mixes) the ray protective, self compacting dry heavy concretes and plaster-works, that possesses besides the requirements of other concretes, the following attributes:

- Watertight, waterproofing capability (water penetration beneath 5 mm)
- High fireproof resistance (above 600-800°C)
- High absorbance value against gamma radiation, neutron radiation and X-ray (its efficiency is 30% higher than the traditional heavy concrete).

PRICES ARE FIXED IN EUR

<p>Baritmix-I[®] ray protective, heavy concrete base material (particle size: 0,061-12,0mm granulate, average density: 3.232 kg/m³ body mass weight) delivered in bulk, loaded in wagons, in the stowage of Hun Ásványfeldolgozó Kft., Rudabánya Railway Station.</p> <p>The price includes the work aboveground, the homogenization that ceases cementation, the loading into wagons.</p> <p>The price does not include transport costs; these are costs of the Purchaser.</p>	<p>guide price: 57.- €/TON +ÁFA</p>
<p>Baritmix-II[®]-Ba and Baritmix[®]-II-Fe recipients enhancing the ray protecting, self compacting capability, Finely ground barit granulate out of mineral barit lens base material (BaSO₄) with 3.232 kg/m³ body mass weight and</p> <p>Additive containing Iron Oxide (Fe₂O₃), (0,061 mm finely ground magnetite granulate, 3.710 kg/m³ body mass weight)</p> <p>According to the prescription patented by Professor Dr. Salem Georg Nehme it can be used up to 5% in the heavy and high strength concrete formulations!</p> <p>The product can be taken in Big-Bag 500 kg sacks in Rudabánya Railway stowage compartment. Transport costs are to be borne by the Purchaser.</p>	<p>guide price: Baritmix-II-Ba 210.- €/ton + VAT</p> <p>Baritmix-II-Fe 360.- €/ton + VAT</p>
<p>Baritmix-III[®] ray protective, body mass weight enhancing mineral barit lens chippings (2/4 - 4/8 – 8/16 mm) in bulk can be transported in trucks or wagons.</p>	<p>guide price: 60.- €/tonne + VAT</p>
<p>Baritmix-III[®] ray protective, body mass weight enhancing Iron Ore chippings with barit (2/4- 4/8 – 8/16 mm) in bulk can be transported in trucks or wagons.</p>	<p>guide price: 80.- €/ton + VAT</p>
<p>RCEM[®]-10 special heavy cement, a composite cement mixture to production of ray protective heavy concrete (mineral barit (BaSO₄), which is produced with additive containing Iron Oxide (Fe₂O₃), body mass weight ca. 3.300-3.400kg/m³)</p>	<p>guide price: 115.-€/ton + VAT</p>
<p>RCEM[®]-20 special heavy cement</p>	<p>130.- €/ton + VAT</p>
<p>RCEM[®]-30 special heavy cement</p>	<p>150.- €/ton + VAT</p>

BARITMIX-I ®

raw material for heavy concrete and self-compacting heavy concrete

BARITMIX-II ®

Additive material increasing the self-compacting ability of the heavy concrete

BARITMIX-III ®

baryte containing grinded stone (4/8, 8/16 mm) increasing the bodyweight of the heavy concrete

**Material costs of Production of the Ray Protective, Heavy Concrete developed in 2008
(with only Additive of BARITMIX®, i.e. without pallets).**

Ingredients	Type/Fraction	Weight (kg/m ³)	Cubic capacity (l/m ³)	Price (€)
Additive	0/12mm (BARITMIX-I®)	1095	332	63
Additive	4/8mm (BARITMIX-III®)	644	161	37
Additive	8/16mm (BARITMIX-III®)	647	154	37
Magnetite powder		262	67	50
Cement	RCEM-II 10	395	128	45,5
Water		200	200	0,5
Additive	GLENIUM 51	8	8	15
Air		-	10	0
Altogether (€/m³):		3251	1060	248
Altogether (€/t):		1000	326	76,3

Remark: with enhancing the quantity of the additives, the expensive steel (or lead) is inconsiderable, thus, the material costs of the ray protective heavy concrete in the production is significantly lower.

The prescription of the 3.380 KG/M³ HIGH STRENGTH CONCRETE THAT HAS EXCLUSIVELY BEEN COMPOSED OUT OF THE RAW MATERIALS OF THE RESIDUE OF RUDABÁNYA STRIP MINE STAYS NOW UNDER CONTROL TESTS.

INGREDIENT: BARITMIX-I 0,061-12 MM HEAVY CONCRETE BASE MATERIAL

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