

Basalt is a material with a lifespan exceeding not only centuries, but millennia. It is a natural material that gets a new appearance and shape by melting and casting. Its excellent physical properties can be used in various areas, such as industrial operations, even under the most difficult conditions.



Smooth Pavement in a Food-processing Production Hall (250/250/22JR)



Plain tile as lining of deep coal bunker

Main Physical Properties:

- ♦ Very high compression strength (at least 3.5 tonnes/cm²)
- ♦ Excellent abrasion resistance (exceeding common materials several times)
- ♦ Chemical resistance (trouble-free application from pH 2 to pH 14)
- ♦ Absolute corrosion resistance of the natural material
- ♦ Moisture resistance and frost resistance
- ♦ Ecologically and hygienically harmless
- ♦ Long lifespan under the most difficult conditions



Hexagon Pavement in a Brewery (6HR/30R)



Resistant Pavement in a Truck Centre (250/250/22JR)

Examples of Application:

- ♦ Even in the heaviest industrial operations and warehouse – foundries, ironworks and aluminium works, forging shops, locksmith and welding shops, machining shops, cable works, paper mills, glassworks and press shops
- ♦ Food-processing operations – breweries, filling plants, soda works, dairy works, bakeries and confectioneries, meat and fish works, canning factories and oil press shops
- ♦ Chrome-plating plants, pickling plants, battery plants, chemical warehouses and chemical isolation reservoirs
- ♦ Car services, tyre services, car washes, also for trucks
- ♦ Abrasion-resistant lining of chutes, transfer points, hoppers, cyclones and separators
- ♦ Abrasion-resistant lining of conveyors for abrasive or chemically aggressive substances
- ♦ Pavements for various water-management needs