

EPM 5110 Mineral Binding Materials

Assessment criteria

Grading methods	Graded final written test
Grading criteria	<p>0 –inadequate knowledge of Basic criteria;</p> <p>1 – Appears mistakes complying to Basic criteria;</p> <p>2 – Basic knowledge about mineral binders:</p> <ul style="list-style-type: none"> - specification, production, characteristic properties and requirements, testing of mineral binders, standardisation - raw materials and technology of production - processes of hydration, setting and hardening - composition, constituents, standardisation and usage in the building and building materials industry - normatives and regulations. Evaluation criteria. Methods of testing and analyse of results; - influence of various mineral binders on properties of the artificial stones based on; - environmental issues production and usage <p>3 - has ability to understand and explain Basic criteria</p> <p>4 - Knowledge of mineral binders must conform to Basic criteria with argumentation and explanations</p> <p>5 – Advanced knowledge of mineral binders are profound and impeccable. Knowledge performed using specific engineering vocabulary and literature.</p>
Allowance to grading	<p>Prerequisites for grade:</p> <p>1. Approved summary paper based on two research papers indexed in Scopus or Science Direct about research results of specified mineral binding material properties, composition or technology.</p> <p>2. results of the two midterm individual test results must give more than 50 points (arithmetic mean)</p>
Forming the final grade	<p>Final grade according to knowledge. Results 0-5:</p> <p>valuation 5 – 91-100 points,</p> <p>valuation 4 – 81-90 points,</p> <p>valuation 3 – 71-80 points,</p> <p>valuation 2 – 61-70 points,</p> <p>valuation 1 – 51- 60 points,</p> <p>valuation 0 – < 50 points</p>