

Request PDF | On Jan 1, 2023, Diana Mariaková and others published Influence of the use of waste glass from photovoltaic panels in high-performance concrete in the fire resistance test | ...

To use waste glass in a basic building material such as concrete, it is necessary to verify the basic chemical properties of the selected waste materials. ... Full replacement of silica flour was ...

Production of Porous Glass-foam Materials from Photovoltaic Panel Waste Glass Bui Khac Thach 1,2, Le Nhat Tan 1,2, Do Quang Minh 1,2,a), Ly Cam Hung 3, Phan Dinh Tuan 3 1 Faculty of ...

0921-8831/ Ó 2021 The Society of Powder Technology Japan. Published by Elsevier B.V. and The Society of Powder Technology Japan. ... this study examines the management of photovoltaic (PV) waste ...

Glass cullet (GC) generated from the disposal of photovoltaic (PV) panels are typically landfilled, and effective GC utilization methods must be established for PV generation. ...

Photovoltaic Panel Waste Glass Bui Khac Thach 1,2, Le Nhat Tan 1,2, Do Quang Minh 1,2,a), Ly ... Thanks to the pozzolanic activity of glass powder, a new ma-terial called "High-Performance ...

Mácalová et al. [32] replaced 100% of natural aggregates with recycled glass from PV panels in concrete made of Portland cement. The awareness of the harmful effect of ...

Diana Mariaková, Daniela Pitelková, Petr Hejtmánek, Kristina Fortová, Tereza Pavlu; Influence of the use of waste glass from photovoltaic panels in high-performance ...

To use waste glass in a basic building material such as concrete, it is necessary to verify the basic chemical properties of the selected waste materials. ... Full replacement of silica flour was provided by waste ...

This study aims to evaluate the influence of the 11.6Li₂O-16.8ZrO₂-68.2SiO₂-3.4Al₂O₃ (mol%) glass-ceramic addition (LZSA, 7 to 21 vol%) on the erosive wear of alumina in comparison to values of ...

Author links open overlay panel Ali Ihsan Çelik a, ... Abstract. The influence of waste glass powder (WGP) with fly ash in certain proportions on geopolymer concrete (GPC) ...

Production of Porous Glass-foam Materials from Photovoltaic Panel Waste Glass Bui Khac Thach 1,2, Le Nhat Tan 1,2, Do Quang Minh 1,2,a), Ly Cam Hung 3, Phan Dinh Tuan 3 1 Faculty of Materials Technology, Ho Chi Minh City ...

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