

# ZKG

## INTERNATIONAL



### SPOTLIGHT

Carbon footprint remains challenge 6

### COMPANIES

Expansion of production capacities 12

### EVENTS

Review of 15<sup>th</sup> TÇMB 14

### PROCESS

Influence of mineralogy and microstructure of clinker 22

### MATERIALS

Mechanical properties of Portland slag cement 28

# THE WAY WE DO IT

Cutting-edge chain technology through R&D



ISSUE 12 2019  
ISSN 2366-1313  
Volume 72 „ZKG INTERNATIONAL“  
Volume 108 „ZEMENT“

Tgl. terima : 03-02-2020  
No. Induk :  
Asal bahan Pustaka : Bell/Tukar/Hadiah  
Dari :

**6 SPOTLIGHT**

**COMPANIES**

**12 Brauer expands its production capacities**  
Brauer Maschinentechnik AG

**EVENTS**

**14 Towards a circular green economy and digital transformation**  
15<sup>th</sup> TCMB International Technical Seminar and Exhibition

**INTERVIEW**

**16 Fulfil ideas. Respect people and their cultures. Shape the future together.**  
Interview with Franz-W. Aumund, Aumund Fördertechnik GmbH, Rheinberg/Germany

**PROCESS**

**22 Influence of the mineralogy and microstructure of clinker on its grindability – an Indian perspective**  
Dr S P Pandey, Dalmia Cement Bharat Ltd, New Delhi/India

**MATERIALS**

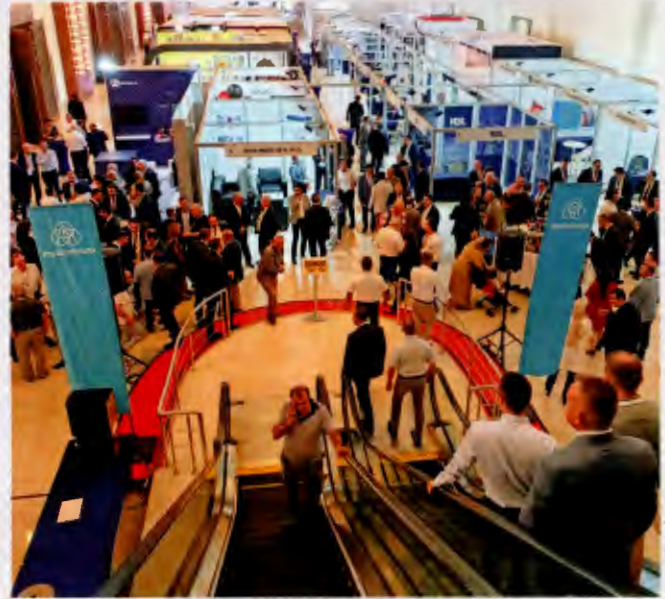
**28 Investigations into the mechanical properties of Portland slag cement based on GBFS and steel slag**  
S. K. Agarwal, S. Vanguri, S. K. Chaturvedi, B. N. Mohapatra, National Council for Cement and Building Materials, Ballabgarh/India  
A. Kumar, S. Sen, A. S. Reddy, A. Kumar, Tata Steel Limited, Jamshedpur/India

**42 Influence of cement quality in cementitious tile adhesive formulations**  
Ing. Matteo Monaco, Ing. Stefano Carrà, Mapei S.p.A., Milan/Italy

**53 PATENTS**

**56 EVENT PREVIEW**

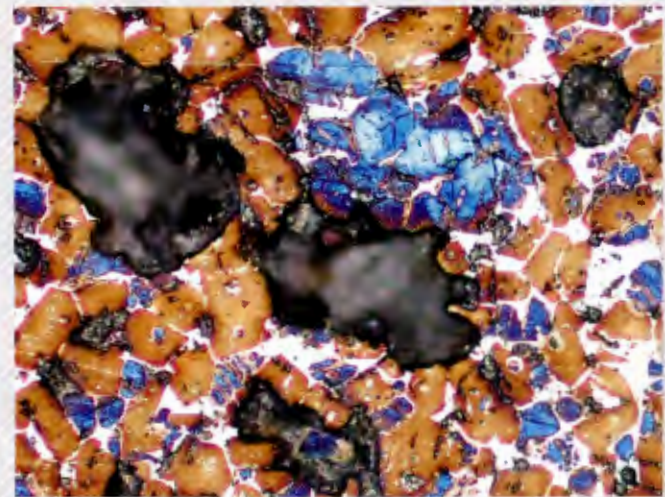
**56 IMPRINT**



// Page 14  
Towards a circular green economy and digital transformation



// Page 16  
Fulfil ideas. Respect people and their cultures. Shape the future gether.



// Page 28  
Investigations into the mechanical properties of Portland slag cement based on GBFS and steel slag