





International Conference on Polymer Concretes, Mortars and Asphalts

Porto, Portugal

October, 9-11, 2002


SPONSORS


 IAPME Instituto de Apoio às Pequenas e Médias Empresas e ao Investimento

 ALTO, perfis pultrudido, Lda.

 Empresa de Pavimentos e Materiais Pré-esforçados, Lda.

 Revestimentos de Marmores Compactos, Lda.

 galp

 Serviços e Equipamentos, Lda

FCT Fundação para a Ciência e a Tecnologia

SECRETARIA DE ESTADO DA CIÊNCIA E TECNOLOGIA

INDEX

An Acoustic Emission Assessment of Fracture Energy of Polymer Concrete.....	1
<i>R. de Oliveira, J M. L. Reis, A. J. M. Ferreira, A. T. Marques</i>	
Corrosion of Steel in Reinforced Concrete Containing Fly Ash. Laboratory and Natural Exposure Tests.....	13
<i>M. F. Montemor, M.P. Cunha, M.M. Salta, A. M. P. Simões, M.G.S. Ferreira</i>	
Polymer concrete properties and structural application	31
<i>Rainer Letsch</i>	
The use of unreinforced, filled unsaturated polyester resin for solid surface applications	45
<i>L S Norwood</i>	
RUBCON – composite materials based on polybutadiene.....	63
<i>Oleg Figovsky, Yury Potapov</i>	
Development of Novel Structural Composites, on the Base of Utilization of Polyethylene Terephthalate Waste	79
<i>Oleg Smirnov, Vladimir Kukushkin, Donald Lesuer, Vladimir Popov, Vitaly Semenov Victor Solov'ev, Sergey Tulupov</i>	
Workability and Strength Properties of MMA-Modified Polyester Polymer Concrete	87
<i>Kyu-Seok Yeon, Myung-Ki Joo, Nan-Ji Jin, Keun-Woo Ryu</i>	
Freeze-Thaw Resistance of Reinforced Epoxy Polymer Concrete.....	101
<i>J. M. L. Reis, A. J. M. Ferreira</i>	
Macroscopic properties in relation to polymer concrete internal structure.....	113
<i>J.Tomás San José, Iñigo Vegas, Jose L. Ramirez</i>	

Static and dynamic bond behaviour between rebars and polymer concrete.....	125
<i>J.Tomás San José, Iñigo Vegas, José L. Ramirez</i>	
Fire reaction of a polyester polymer mortar	145
<i>Carmen Galán Marín, Manuel Olivares Santiago, Jorge Roa Fernández, Reyes Rodríguez García</i>	
Properties of Polymer Mortars Using Waste Expanded Polystyrene Solutions	161
<i>Yoshihiko Ohama, Nakwoon Choi</i>	
Thermal Fatigue Effects on Epoxy Concrete.....	175
<i>C. M. C. Roque, P. A. L. S. Martins, A. J. M. Ferreira</i>	
On an European project on polymer concrete and non-metallic reinforcements.....	191
<i>A. J. M. Ferreira, A. A. Fernandes, F. Meyer, J. T. San José, R. Letsch, B. Neumann, M. Izurieta, P. Sheard, A. Carneiro, G. di Mauro</i>	
Pavements reinforced with geosynthetics	223
<i>M. Lurdes Lopes</i>	
Assessment of thermal degradation on polymer mortars	243
<i>M. C. S. Ribeiro, A. J. M. Ferreira, A. T. Marques</i>	
Analysis and Experiments on GFRP-Polymer Concrete Hybrid Beams	257
<i>M.C.S. Ribeiro, A.J.M. Ferreira, A.T. Marques</i>	
The Analysis of the Concrete Behavior under Compression Fatigue Tests.....	269
<i>Eugen Ghita</i>	
Experimental investigation of creep behaviour of epoxy polymer concrete with different reinforcements.....	275
<i>C. M. L. Tavares, R. J. C. M Guede, A. J. M. Ferreira</i>	