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公司自 2001 年成立以来，已取得授权的国家发明专利技术 15 项、实用新型专利技术 21 项，已申报正在公示待授权的国家发明专利技术 12 项；截至到目前，公司已获得各类荣誉 35 项，已获中国土木工程詹天佑奖 1 项，中国技术市场金桥奖 1 项，中国专利奖 2 项，省(部)级科技进步“一等奖”1 项、“二等奖”9 项、“三等奖”5 项；公司牵头主编和参与编制完成的省部级行业规范、标准 14 部，在一系列国家重点工程项目建设中取得了优异的成绩，公司具有“武汉市工程技术研究中心”、其控股公司安徽中益新材料科技有限公司具有“安徽省高层次人才创新团队”、“安徽省建筑节能与安全防灾院士工作站”的科技创新和研发平台。

◆ 多功能储能式发光材料

“中益阳光牌”多功能储能式发光材料主要用于公路隧道、地下综合管廊、城市轨道交通、民防、军事以及工民建等领域的安全防灾与节能、引导照明，系列产品包括：多功能储能式发光涂料；多功能储能式发光反光道路标志牌；多功能储能式发光反光轮廓标、多功能储能式发光反光环、多功能储能式发光反光突起路标。

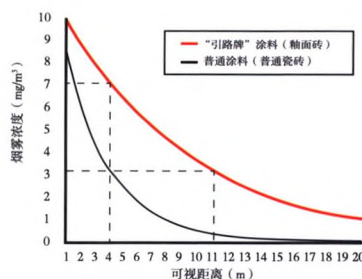
- 多功能储能式发光涂料具有防火阻燃、增光增亮、延时发光、耐腐蚀、耐污染、抗霉菌、自洁净和释放负离子的性能，在隧道与地下工程中应用可明显提高暗环境的照明亮度，提高道路照明均匀度，提高小物体的可视距离，改善照明光环境的舒适性，提供紧急逃生指示照明及提高地下工程的空气环境质量。
- 多功能储能式发光反光道路标志牌、轮廓标、隧道反光环及突起路标在道路上使用，可诱导安全行车及在暗环境中指示和引导照明。



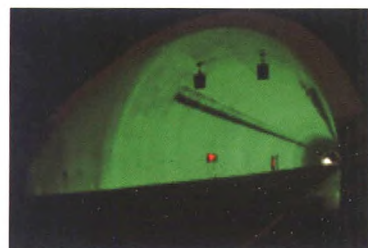
a “中益阳光”灯下透烟



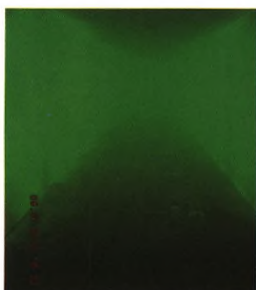
b 普通涂料灯下透烟



多功能储能式发光涂料烟雾穿透力试验



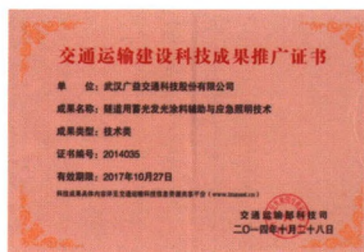
“中益阳光牌”涂料延时发光辅助照明



c 熄灯后“中益阳光”透烟



d 熄灯后普通涂料状态



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◆ 抗冻防腐添加剂

“引路牌”抗冻防腐添加剂主要用于季冻、寒区隧道的消防，系水性抗冻防腐添加剂取代消防池中的消防水，其灭火效果好，在 -50°C 不结冰，对消防管道、设施和混凝土及周边环境无腐蚀、无污染，在隧道消防工程中应用，可达到节能、环保、减少建设和维护费用及无安全隐患的目的。

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