

Graphenstone Coatings & Nanotech Slurries



IEDISA (Industria Española para el Desarrollo e Investigación, SA) is a Spanish company that manufactures paints, adhesives and lime based mortars. Our products are 100% natural and the raw material used is handmade lime manufactured since 1864, in traditional arabian ovens, that the UNESCO have recognise as an Inheritance of Humanity.

In contrast to synthetic titanium dioxide industrial uses, whitening capacity of lime adds important benefits in transpiration, anti-bacterial and until fungal purifying properties. That's how with special raw product, IEDISA formulates the **Graphenstone line**. Graphenstone formulations, types of paints, adhesives, sizes and insulators improve properties exponentially, mainly in terms of savings material consumption, since we use nanometric scales resulting in superior strength, resistance and elasticity for any standard coating. These factors equate to a weight reduction on application allowing us to obtain installation savings improvements. We offer in Graphenstone line paints for interior, exterior, wifi screening, mortars for floors (radiant floor also) and different density mortars for all purpose.

Adding the new technology called graphene, we get a better flexibility, resistance and consistency from its first application, so we have innovative properties such as thermal conductivity and anti-corrosion. Our paint behaves in surprising ways since the graphene acts as a supporting membrane at molecular level.

At the same time and because of the high interest of other manufacturers, IEDISA developed the **Nanotech Slurry line**. We offer different kinds of slurries to improve all types of coatings. We offer slurry formulations for mineral paints and lime mortars, for aqueous two-pack PU and two-pack epoxy systems, for acrylate dispersions, for portland cement sand for electrical and thermal conductive coatings. Our slurries are 100% natural and significantly improves the adhesion, flexibility, strength, elasticity, anticorrosion, thermal and electronic conduction.

Right now important brands of the international market trust in our slurries to improve their products, so the graphene will be present very soon in many coatings of the market. In the future, the coatings of all sectors will be more flexible, more resistant, they will have thermal conductivity, will be more natural, will be needed less material and last longer in time.

Visit IEDISA at: nano tech 2015 - Spanish Pavilion - East Hall 6/Booth 6P-23

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Activity area: Investigation, development, manufacturing and selling of paintings, varnishes, lacquers, adhesives, glues and mortars with graphene
Main Activity: Manufacturing and selling of Graphenstone products
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