

# Infrared Reflected (IR) Paint Manufacturing Industry

## Description:

### **Infrared Reflected (IR) Paint Manufacturing Industry. New Paint Technology: Infrared Reflective Coatings**

Infrared technology is different than the old fashioned way of just applying heat to paint. It used to be that painters would use a torch to strip old paint. It worked great, except that it caused a ton of house fires and vaporized the lead paint, which is a serious health hazard.

There has been a revolution in the paint industry with the emergence of heat reflective paint, which improve buildings' insulation properties in an eco-friendly way. These paints are generally available in light colours because they can reflect up to 80% of solar radiation.

The heat reflective paint lessens the 'urban heat islands' effect, which allows cooler buildings. A cooler building means lesser use of air conditioners and lower carbon dioxide emission. This way, heat reflective paints are the best option for those who believe in caring for the environment and longevity of the building.

## **Uses and Application**

A number of industrial coating manufacturers are already employing this new paint technology for their customers' applications. In North America, IRR pigments are utilized in metal roof coatings to reflect heat from a building's roof. Because more heat is reflected away from the structure's surface, less energy (and money) must be expended on cooling the interior. In large buildings, the savings on cooling costs can be significant over time.

IRR coatings are also used for other building applications, such as in the manufacture of windows and doors, where IRR pigments help limit deformation of door and window frames. In Europe, coatings producers also utilize IRR pigments in building facade coatings such as stucco.

**For more details download PDF file.**

**Keywords:** Infrared Reflected (IR) Paint, IR Paint, Formulating Infrared Coatings, Infrared Reflective Pigments, IR-Reflective Pigments, I.R. Reflecting Paint, IR Reflecting Wall Paint, Infrared-Reflective Coating, Infrared Reflective Paint, Heat Reflective Coatings, /IR Reflective Coating, Infrared Reflective Coating Composition, IR Reflective Paint, Highly Infrared Reflective Paint, Infrared Reflective Coating Construction, Heat Reflective Paint, Highly Durable Infrared-Reflective Coatings, Project Repor

**Created At:** 24 Sep, 2018