Fire Resistant Glass Market by Type, by Application, & by Region - Trends & Forecasts to 2019

Description: "Fire Resistant Glass Market by Type (Wired, Ceramic, Tempered, and Laminated), by Application (Building & Construction, Marine, and Others), & by Region - Trends & Forecasts to 2019"

The report on fire resistant glass captures its global market size by volume and value. This market is growing at a rapid pace in Asia-Pacific and RoW. The demand for fire resistant glass is driven by the following factors:

- An increase in fire related accidents and the loss of assets caused due to fire are the major factors driving the market for fire resistant glass.

The global market for fire resistant glass is witnessing a high growth since the last decade. The market players have developed various fire resistant glasses to prevent fire in buildings, ships, and refineries. In order to reduce the loss of property and life various codes and regulations have been implemented throughout the world. The safety codes and regulations are highest in the European market followed by North America. National Fire Protection Association (NFPA) and International Building Code (IBC) are the major regulatory body deciding the codes and standards for fire resistant products in various markets. Other than NFPA and IBC, some countries are using their own norms and regulations for building safety & fire protection, such as UL 10B and UL 10C. The stringent regulations and norms are driving the market for fire resistant glasses as the new building needs to satisfy the required impact safety and fire resistance standards. The market players have been emphasizing on developing new and innovative products to meet these norms and regulations.

- The market for passive fire protection has grown at a high rate in the past and its demand in the coming years is projected to grow at a brisk pace. The maintenance cost for passive fire protection systems is comparatively lower than active fire protection systems. However, the cost of passive fire protection systems is higher than active fire protection systems, but the reliability and performance of the passive fire protection systems is better. The active fire protection systems such as sprinklers keeps the temperature at a tenable level in case of fire, but unsafe smoke conditions are often reached before the sprinklers gets activated. The automatic detection devices alerts occupants about a fire outbreak before untenable smoke and fire conditions are reached, but they do not provide enough time to ensure building occupants could safely exit the premise. The passive fire protection systems such as fire resistant glass provide a safe passage for the occupants to exit the premise, and also contain the smoke and fire for a longer time thus preventing the fire from breaching out and spreading to other areas.

The market for fire resistant glass has grown significantly during the last few years and is expected to grow at a rapid pace in the next five years. The market is mainly driven by a growing consumption in Asia-Pacific, RoW and North America. Currently, Europe is the largest market for fire resistant glass, followed by Asia-Pacific, North America, and RoW. Asia-Pacific is the fastest growing fire resistant glass market across the world. The market in Asia-Pacific is expected to witness a CAGR of around 14.18%, in terms of value, for the next five years. RoW is the second fastest-growing market, followed by North America and Europe.

The report estimates the market size for fire resistant glass in each region for 2013 and projects the expected demand by 2019. This report follows both top-down and bottom-up approaches to estimate the market size for each sub-segment. It also provides a comprehensive review of the market dynamics, industry trends, and value chain for fire resistant glasses. In this report, secondary literatures have been used to collect the market information, and industry experts have been interviewed in order to verify the information. Key manufacturers, such as Nippon Sheet Glass Co. Ltd. (Japan), Nippon Electric Glass Co. Ltd. (Japan), Schott AG (Germany), Asahi Glass Co. Ltd. (Japan), Promat International N.V. (Belgium), Compagnie De Saint Gobain (France), Glass Dynamics Inc. (U.S.), SAFTI FIRST Fire Rated Glazing Solutions (U.S.), Ravensby Glass Co. Ltd. (U.K.), Fuso Glass India Pvt. Ltd. (India), Technical Glass Products (U.S.) and others have been profiled in detail.

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