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Glass in different sizes, shapes and finishes are widely used in residential and commercial sectors. Manufactured and processed using technologically advanced measures, glass can be availed from various online and retail stores.

Among a wide variety of glass available in the market, the self cleaning glass is known for its self cleaning properties. Its surface remains free from dirt and grime owing to a thin titanium dioxide coating on its surface that undergoes photo-catalytic decomposition. Such glass are available in two different coating variations namely, hydrophobic and hydrophilic. While the hydrophobic coating prevents water drops from drying on the glass pane and keeps dust and dirt away, the later effectively washes away dirt from the surface and forms a thin film that dries out quickly. This kind of glass is used in the contemporary buildings and high caution are taken while installing them so as to ensure their proper functioning.

Glass is used in homes, offices and at almost all the places. It also plays a major role in science and industry. It is this universal usage of glass that has given Glass Industry a major thrust. Also, because of its various physical and chemical properties, glass is used as laboratory equipments, reinforcement material and as glass art. Glasses are mostly transparent and brittle. But there are some exceptions too. Take for example, double glazed glass units, which are essentially window panes made two glass panes with spaces in between. This space could be few millimeters and is usually filled with air. High scrutiny is ensured while preparing this glass so that no moisture escapes between the two glass sheets.

Besides, the array of tempered glass is best in performance, durability and quality. Processed under chemical treatments these bear increased strength than normal glass. Best in safety and strength, these find application in shower doors, refrigerator trays, diving masks as well as vehicle windows and furniture. Also known as toughened glass, these are offered at cost effective rates and are stronger than the normal glass, both physically and thermally. Available in varied thickness, this kind of glass are used in those areas where safety, strength and thermal resistance are of prime concern.

Toughened glass suppliers take special measures in the production of such glass. They adopt innovative measures in developing a flawless range. In fact, they ensure thorough quality standards throughout the production phase, right from the procurement of raw material to manufacturing, storing and final delivery of consignments. Those companies offering glass take initiative in assuring complete customer satisfaction and optimum benefit to the end users.

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For more information regarding HW Glass, a [self cleaning glass](#), double glazed units and frosted glass. Please visit our website: a <http://www.hwglass.co.uk>

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