



Pilkington **OptiShower™** – Cleaning Guidelines

Corrosion-resistant. Durable. Quick-drying.

The new Pilkington **OptiShower™** product provides a long lasting, pristine glass surface due to the properties of its innovative coating. The anti-corrosion coating permanently seals the glass surface and protects against weathering and chemical attack. This makes Pilkington **OptiShower™** ideally suited to high humidity environments, with the product remaining clear and resistant over its lifetime, meaning the glass can be cleaned as easily as on the first day.

First cleaning after installation

After glass installation the glass surface should be rinsed with soft water to remove traces of dust and dirt. Possible adhesive labels which are on the glass surface should be removed carefully manually on a short time-scale.

ATTENTION: The use of tools like scoops, steel wool and razor blades should – just as with normal glass – be avoided, because the glass surface and the coating can be damaged. Persistent stains can be removed with conventional glass cleaners or alcohol (isopropanol). After the first cleaning the glass should be rubbed dry with a clean and soft microfiber cloth or a squeegee.

Cleaning utilities

Only soft and clean cleaning cloths or non-abrasive, clean sponges should be used for cleaning. The use of squeegees is recommended. Here attention should be paid to use a clean rubber lip.



Cleaning agents

Generally all glass cleaners with alcohol and ammonia base, as well as slightly acidic cleaning agents are sufficient and compatible with Pilkington **OptiShower™**.

Summary Table: Recommended cleaning operation with regard to water hardness

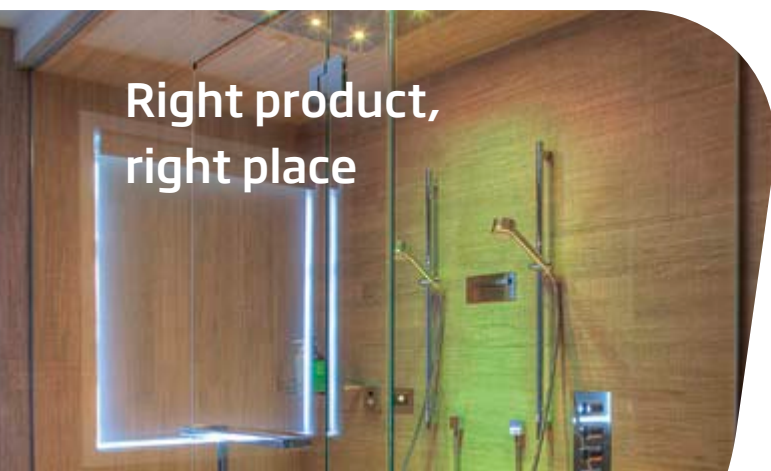
Operation	Water Hardness	
	Soft Water	Hard Water
Daily Use	rinse with clean water and wipe or squeegee dry	rinse thoroughly with clean water and wipe or squeegee dry
Routine Cleaning	neutral detergent or 50/50 solution of water and white vinegar	50/50 solution of water and white vinegar or 80/20 solution of water and citric acid
Deep Cleaning	ammonia based cleaner	vinegar based cleaner
Stubborn Stains		very soft abrasive cleaner to be used locally

**Right product,
right place**

Protection precautions

If construction work is in the immediate proximity the glass surface should be covered. Flying sparks by welding or grinding can damage the glass.

Colors, paints, adhesives or mortar products are – like on any other glass – hard to remove.



This publication provides only a general description of the products. Further, more detailed information may be obtained from your local NSG Group Solar Energy representative. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, code of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. Pilkington and "OptiShower" are trade marks of the Nippon Sheet Glass Co. Ltd.



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The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE



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