



WATER TECHNOLOGY

FOR SEALED GLAZING UNITS

LUBRON
WATER TECHNOLOGIES

Quality water for quality glass

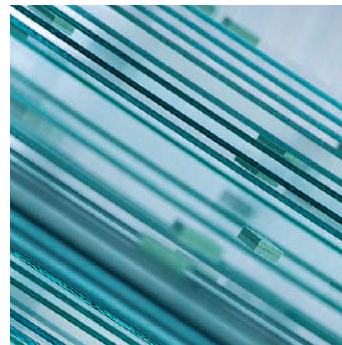
Water is intimately involved in every aspect of glazing manufacture – from the preparation of the basic raw materials to the rinsing and washing of the finished products. In Sealed Unit manufacturing the prime role is for demineralised high quality wash water both prior and post assembly, as well as for lubricating the grinding process and carrying away the glass fines.

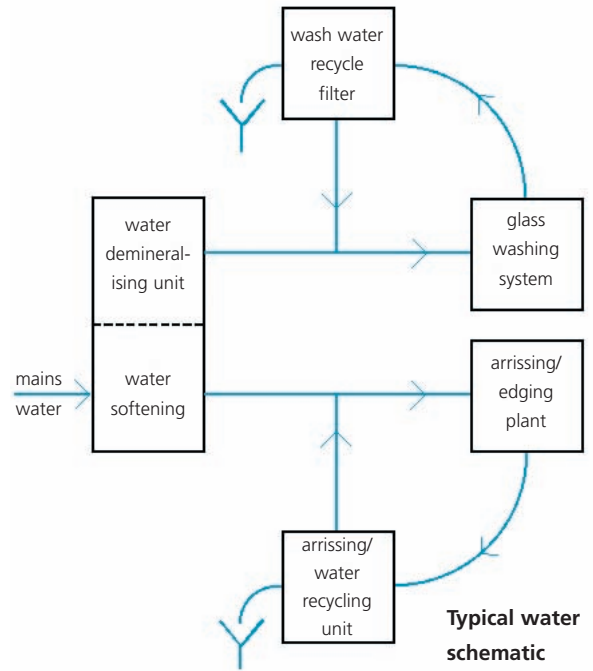
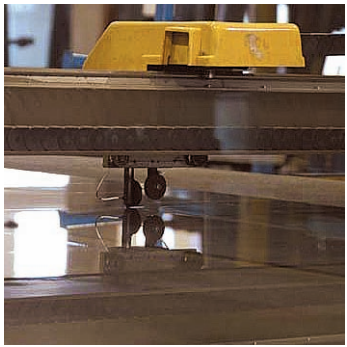
Although the coatings on Low Emissivity glass are relatively durable in most circumstances, as a high value material it is prudent to ensure that it does not come into contact with chlorine or other dissolved constituents which may be in the local water supply. Also, the presence of these minerals, when dried on, can lead to unsightly deposits on the surfaces of completed units.

Better quality water results in higher quality products with savings due to lower reject rates or process intervention and interruption.

Throughout the glazing factory there are opportunities to recycle the water used at the various stages. This reduces overall water consumption and minimises any disposal issues with the process waste.

For many years Lubron has worked with equipment manufacturers and supplies to develop a detailed understanding of the water requirements and have developed a range of compact pre-engineered modular systems which provide water efficiently and economically from the local mains supply. The use of the latest membrane based techniques has eliminated the need for on site acid and caustic regenerant chemicals and their inherent safety and storage problems.





Typical water specification for glass washing

- Demineralised to a conductivity of less than 30 microsiemen/cm
- Free of hardness minerals which could cause limescale and streaking
- Free of suspended particles

A typical glazing unit manufacturing plant water installation may consist of

- Storage tanks and pumps
- Automatic water treatment plant
- Wash line recycle unit and backwashable filter
- Recycle system for arrissing lines

Optimising performance

Understanding the needs and requirements for sealed unit manufacturing is just the start for Lubron. Our dedication to getting it right embraces all aspects of design, manufacturing and installation, all to the requirements of our ISO 9001 2000 accreditation.

NEW PRODUCT

Safe Discharge System for Arrissing Machine Waste Water

Arrissing machines produce waste water which contains fine glass particles. When discharged these particles can block drains resulting in extra maintenance and/or replacement.



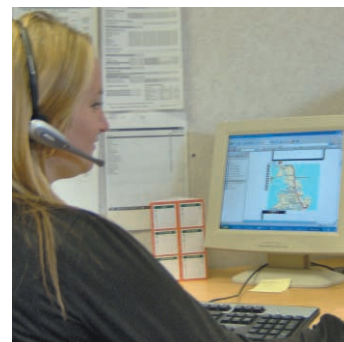
Lubron now introduce a NEW low cost solution - **The SPRINKER** - a proven self-contained unit which separates the fines to produce a harmless 'sludge' for easy disposal. The treated water can then be safely re-used or put to drain.

After sales service is taken care of by Lubron's countrywide dedicated team of trained support engineers who are always on hand for service, support and advice.

Our methodology is based on the provision of the highest standards of customer service in the industry, striving to deliver 'best performance' from every piece of equipment, and ensuring our customer's peace of mind.

We take great pride in our work - many of our installations being specifically designed for particular applications with follow-up maintenance projects relying on equally meticulous and skilful engineering. Our constant focus is simply quality and care.

Sometimes, we maintain other manufacturers' equipment along with our own. We do not mind, as all projects are treated in a similar manner. Our aim is to have a satisfied customer base. Without being complacent, we know that we have a reputation in the industry for the quality of our customer service and delivering and exceeding expectations. If you would like to have peace of mind, take advantage of our dedication by calling our Service Department today on 01206 866444. Or email: Service@lubron.co.uk



Lubron UK
 Lubron UK Limited
 Lubron House
 8 Challenge Way, Hythe Hill
 Colchester, Essex CO1 2LY
 Tel: +44 (0)1206 866444
 Fax: +44 (0)1206 866800
www.lubron.co.uk

Lubron Nederland
 Lubron Waterbehandeling B.V.
 Mechelaarstraat 38
 4903 RE Oosterhout (NB)
 Postbus 540, Nederland
 Tel: +31 (0)162-426931
 Fax: +31 (0)162-459192
www.lubronwaterbehandeling.nl

Lubron België
 Lubron Belgium B.V.B.A.
 Antwerpsesteenweg 124
 B-2630 Aartselaar, België
 Tel: +32 (0)3877 1519
 Fax: +32 (0)3877 2884

Lubron Deutschland
 Lubron Wasseraufbereitung GmbH
 Riedstrasse 27
 71691 Freiberg am Neckar
 Deutschland
 Tel: +49 (0)7141 2986130
 Fax: +49 (0)7141 2986159
www.Lubron.de