RAY-BAR X-RAY GLASS

X-RAY LEAD GLASS HAS A VERY SOFT SURFACE DUE TO THE HIGH LEAD CONTENT AND WILL SCRATCH OR STAIN VERY EASILY.

IT IS EXTREMELY IMPORTANT THAT THE FOLLOWING PRECAUTIONS BE FOLLOWED TO AVOID COSTLY DAMAGE.

1) ALWAYS WEAR PROTECTIVE EYE GLASSES AND NON-SLIP PROTECTIVE GLASS HANDLING GLOVES WHEN HANDLING ANY GLASS PRODUCTS

2) NEVER USE KNIVES, RAZOR BLADES OR OTHER SHARP OBJECTS TO SCRAPE OR CLEAN THE X-RAY LEAD GLASS

3) NEVER USE ANY ABRASIVE CLEANERS OR PAPER TOWELS ON THE LEAD GLASS AS THIS WILL SCRATCH OR “FOG” THE X-RAY LEAD GLASS

4) NEVER USE STRONG DETERGENTS, CLEANERS OR SOLVENTS TO CLEAN LEAD GLASS. THIS WILL HELP REDUCE CHANCE OF STAINING OR DISCOLORATION.

5) NEVER APPLY ANY TAPE (IE DUCT, MASKING, ELECTRICAL, ETC) TO X-RAY LEAD GLASS AS ADHESIVE BACKING MAY CAUSE STAINING.

6) WIPE LEAD GLASS LIGHTLY WITH A CLEAN, SOFT, DRY MICROFIBER OR COTTON CLOTH.

7) SMUDGES OR DIRT NOT REMOVED BY WIPING WITH DRY CLOTH CAN BE CLEANED WITH DISTILLED WATER OR WINDEX BUT MUST BE IMMEDIATELY WIPED DRY WITH A SEPARATE CLEAN, SOFT, DRY MICROFIBER OR COTTON CLOTH.

8) NEVER GRIND NEAR X-RAY LEAD GLASS

• RAY-BAR STRONGLY RECOMMENDS THAT ALL LEAD GLASS IS TRANSPORTED IN A SECURE, UPRIGHT POSITION, PREFERABLY ON A GLASS RACK OR OTHER SUPPORT SYSTEM TO REDUCE THE CHANCE OF INJURY OR DAMAGE. IT SHOULD ALSO BE PROTECTED FROM RAIN OR MOISTURE, DUE TO ITS FRAGILITY AND POROUS CHARACTERISTICS.

• RAY-BAR ASSUMES ABSOLUTELY NO RESPONSIBILITY FOR ANY DAMAGE TO GLASS ONCE MATERIAL HAS BEEN RECEIVED AND SIGNED FOR.
RAY-BAR X-RAY LEAD GLASS
PHYSICAL CHARACTERISTICS AND MAINTENANCE/HANDLING/STORAGE PROCEDURES

INSPECTION OF ACCEPTABLE CHARACTERISTICS
RAY-BAR RADIATION PROTECTIVE X-RAY LEAD GLASS IS A HIGH QUALITY SPECIALTY GLASS WITH A SOFT SURFACE AND FRAGILE "NON-STRUCTURAL" CHARACTERISTIC AND HAS A "SLIGHTLY IMPERFECT" SURFACE BY NATURE.

X-RAY LEAD GLASS HAS A NATURAL YELLOW HUE COLOR DUE TO ITS HEAVY METAL OXIDE CONTENT PROVIDING EXCELLENT GAMMA / PHOTON RADIATION SHIELDING RESISTANCE. (RADIATION SHIELDING VALUE IS DIRECTLY RELATED TO THICKNESS AND DENSITY OF LEAD GLASS). SEE SPECIFICATION / TECHNICAL DATA SHEET FOR DETAILS.

X-RAY SAFETY GLASS WILL HAVE MORE IMPERFECTIONS AND DEBRIS. X-RAY SAFETY GLASS IS PERMANENTLY LABELED TO MEET SAFETY REQUIREMENTS. SEE SPECIFICATION / TECHNICAL DATA SHEET FOR DETAILS.

• PLEASE NOTE THAT LEAD GLASS IS NOT TEMPERED, FIRE-RATED, IMPACT PROOF, AND SHATTER PROOF OR SCRATCH RESISTANT.

STORAGE AND HANDLING
• LEAD GLASS MUST BE HANDLED WITH EXTREME CARE DUE TO ITS FRAGILITY AND SOFT "EASY TO SCRATCH" SURFACE.
• LEAD GLASS IS VERY SOFT AND POROUS AND CAN READILY ABSORB CHEMICALS THAT WILL TARNISH OR STAIN IT, SUCH AS OILS, ACIDS OR ALKALINE BASED LIQUIDS OR CLEANERS.
• WIPE FINGERPRINTS AND SMUDGES IMMEDIATELY OFF WITH A SOFT AND CLEAN, DRY CLOTH.
• (PERSPIRATION, OIL, FATTY ACIDS AND GREASE FROM FINGERPRINTS LEFT ON THE LEAD GLASS WILL CAUSE PERMANENT MARKS AND TARNISHING)
• UNTIL INSTALLED, LEAD GLASS SHOULD BE KEPT UPRIGHT CUSHIONED IN SOFT FOAM AND IN A VERTICAL PROTECTIVE CONTAINER AWAY FROM MOISTURE, DUST OR TRAFFIC.
• NEVER EXPOSE LEAD GLASS TO ACIDS, ALKALIS OR HUMID ENVIRONMENTS.
• ALWAYS STORE GLASS SECURED IN A VERTICAL, UPRIGHT POSITION.

INSTALLATION
• USE VERY CLEAN, NON-SLIP PROTECTIVE GLASS HANDLING GLOVES WHEN HANDLING HEAVY OR SHARP LEAD GLASS.
• ALWAYS WEAR EYE PROTECTION WHEN HANDLING GLASS.
• NEVER "TABLE-TOP" OR HOLD LEAD GLASS FLAT OR HORIZONTALLY.
• TAKE CARE TO NEVER “BUMP” OR RUB LEAD GLASS AGAINST ANOTHER SURFACE AS LEAD GLASS IS VERY FRAGILE AND MAY EASILY BREAK, EGG SHELL, CHIP OR SCRATCH.
• TAKE CARE NOT TO PUT UNEVEN PRESSURE, TWIST OR BIND THE LEAD GLASS IN ANY WAY.
• STOPS SHOULD BE INSTALLED CAREFULLY WITH EVEN AND FIRM PRESSURE BUT NEVER HARD OR VERY TIGHT PRESSURE. BE SURE FRAME STOPS DO NOT “PINCH” THE GLASS.
• NEVER USE SEALANT OR CAULKING THAT CONTAINS ACID OR ALKALINE AGENTS.
• ALWAYS PAY CLOSE ATTENTION TO PROVIDE SUFFICIENT OVERLAPPING OF RADIATION SHIELDING MATERIALS AND THE LEAD GLASS PERIMETERS TO AVOID RADIATION LEAKAGE OR STREAMING.
• NEVER APPLY TAPE OR LABELS ON LEAD GLASS AS LEAD GLASS MAY STAIN IN REACTION TO ADHESIVE.
• NEVER USE KNIVES OR SHARP TOOLS ON LEAD GLASS.
• ALWAYS KEEP LEAD GLASS VERTICAL, SECURED, AND UPRIGHT FOR STRENGTH.

CLEANING
• WIPE LEAD GLASS LIGHTLY WITH A CLEAN AND SOFT, DRY MICROFIBER OR COTTON CLOTH.
• SMUDGES OR DIRT NOT REMOVED BY WIPEING WITH DRY MICROFIBER OR COTTON CLOTH CAN BE CLEANED WITH DISTILLED WATER OR WINDEX BUT MUST BE IMMEDIATELY WIPED DRY WITH A CLEAN, SOFT DRY MICROFIBER OR COTTON CLOTH.
• NEVER USE ABRASIVE CLEANING AGENTS, ACIDS OR ALKALIS OR SOLVENTS.