



SQUEEGEES – WHAT TO USE?

April, 2006

Use of the correct squeegee will definitely increase productivity, and significantly improve the quality of your installations, for both automotive and flat glass films. Unfortunately, there are numerous types of squeegees to choose from, and some of them offer little or no performance. We have a number of squeegees in stock, selected for performance and ease of installation for different applications, and we offer the following recommendations:

- **BLUE MAX (BEVEL EDGE)**
 - Preferred by some installers as an alternative to the Super Clear Max, for automotive applications.
- **ORANGE CRUSH**
 - Another alternative to both the **Blue Max** and Super Clear Max, this squeegee can be used with both the Unger Pro Handle and the Crusher Handle.
- **18 1/2” YELLOW TURBO**
 - Can be cut to desired lengths, and this squeegee can be used for both automotive and flat glass. This squeegee also comes in a 5” length. A replacement blade, only, is available (18 1/2” length).
- **20” BLUE TURBO**
 - Used in the same manner as the Yellow Turbo, the Blue Turbo is a harder squeegee which will remove even more moisture. The **Blue Turbo** is also great for installing LLumar Paint Protection Film.
- **THE SLAMMER**
 - Can be used to squeegee film in awkward areas. The Slammer has a good handle, and is very effective for automotive installations.
- **WHALE TAIL**
 - Can be used to help reach those difficult spots in rear windows.
- **4” TEFLON**
 - This is very popular for heat shrinking and for “hard carding” all of the edges in an automotive application. The Teflon squeegee is available in white, gold, black, and platinum, all of which vary in hardness. A “Jumbo” version is also available.
- **4” YELLOW LIDCO**
 - This squeegee is also used for heat forming, and for automotive “hard carding”.



- **THE CONQUERER**
 - This is a multi-purpose squeegee, used to move film into hard-to-reach areas.
- **SIDE SWIPER**
 - For use in those hard to reach spots of a back window, and for door panels.
- **SLIM FOOT**
 - This squeegee's extra long handle and thin design allow installers to get behind third brake lights without removing the back deck.
- **BW-6 SQUEEGEES: (Black & White, 6" & 12")**
 - Can be used for a number of purposes, including trimming, initial squeegeeing, etc. The BW-6 can also be cut to different angles and sizes, depending on the use.
- **THE UNGER HANDLE**
 - The GTO50 Unger Pro Handle can be used to hold the Super Clear Max or **Blue Max** squeegee or a variety of window washing squeegees. In conjunction with the channel for the latter items, the **Blue Max** squeegee refill (6" or 8") can also be used.
- **WINDOW WASHING SQUEEGEE**
 - We offer different lengths (6", 8", 12", and 18") of the window washing squeegee, and, with the Unger Pro Handle, these are used for automotive and flat glass applications.
- **THE BLUE MAX SQUEEGEE REFILL**
 - Available in 6" or 8" lengths. Use with the Unger Pro Handle and the window washing squeegee channel. These refills are effective for water removal with flat glass sputtered and thinner safety/security film products.
- **BLUE MAX (SQUARED)**
 - This blade is recommended for installations of Magnum, 7mil and greater, and is compatible with the PerforMax handle or the Crusher handle (5"). Also effective for water removal of flat glass sputtered and thinner safety/security film products.
- **BULLDOZER**
 - Effectively squeegees into deep recesses of automotive back glasses, behind the third brake light (when sufficient space is available), and for use in those tight spots in flat glass installations where added reach is needed.



FLAT GLASS AND SAFETY/SECURITY FILM INSTALLATIONS:

- ◆ For flat glass films, use the **Blue Max** Squeegee Refill.
- ◆ For sputtered film applications, use either the **Blue Max** Squeegee Refill, or the 6” Pro Squeegee Deluxe, or the **Blue Max** “squared” squeegee (with PerforMax or Crusher handle).
- ◆ For Magnum 4 mil safety/security film installations, use either the **Blue Max** Squeegee Refill or the 6” Pro Squeegee Deluxe, or the **Blue Max** “squared” squeegee (with Performax or Crusher handle).
- ◆ For 7 mil or 8 mil Magnum films, use the 6” Pro Squeegee Deluxe. The D-Motus handle can be used in conjunction with this squeegee, and a minimum of 2-3 passes is recommended. Increase the number of passes for thicker films.
- ◆ A hard card (e.g. 5-way tool) can be used for bumping, for all flat glass, sputtered film, and Magnum safety/security film installations.

Some revisions have been made to the installation instructions for Magnum safety and security films, incorporating the above. Please access the Dealer page of our website for complete details.

It is suggested that installers not squeegee above their shoulder level, for optimum results.

Please ensure that you are familiar with the Magnum product warranties. For residential applications, the installer must be factory approved for thicknesses of greater than 7 mil. For commercial applications, the installer must be factory approved for applications of 7 mil, or greater. Without the factory approval, the standard warranty will not apply for labour and material.

Follow the manufacturer recommendations. There is a continuous updating of installation and product information on the LLumar Technical website. The website address is www.llumartech.com (lower case), the log-on is energard (lower case) and the password is LLCA2010 (upper case). You will increase productivity, and also improve the quality of your installation, by using the correct installation tools.

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