



Case study:

LOCATION: Seven World Trade Center
DRAPER PRODUCTS USED: Manual and Motorised Window Shades with Phifer SW2700
CERTIFICATION LEVEL: Gold

Seven World Trade Center is the first building to be rebuilt at the 9/11 site in New York City. It was also the 1st to receive LEED Gold Certification. Seven World Trade Center has Draper manual and motorised window shades. 7 World Trade Center was designed by David M. Childs. The building has a daylight dimming system in the ceilings that adjusts to the amount of available sunlight. The cost of greening this World Trade Center project added less than 5 percent to its budget.

ABOUT DRAPER: Draper offers lines of window shades for the commercial, educational, and residential markets, and is one of the country's largest manufacturers of window shades. Draper utilises a state-of-the-art 400,000 square foot manufacturing facility. Draper offers unmatched customer service and support and has continued to expand and grow its product lines through the recent recession and slow economy. Draper's in-house engineering department designs our own product components, including clutches, roller tubes, and window shade hardware.

RESPONSIBILITY TO OUR ENVIRONMENT: Draper is looking forward to the needs of the future by establishing itself as a market leader in "Green" environmentally-friendly products and operations.

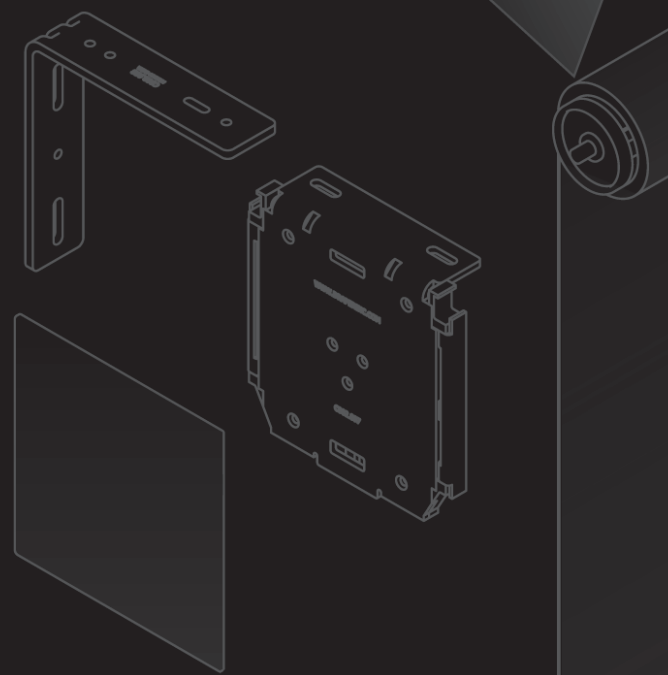
GREEN PRODUCTS: Draper products can improve a building's energy efficiency. Window shades reflect light and heat from the sun, reducing the amount of energy required to cool the building. Motorised window shades can automatically adjust to compensate for the changing shade requirements throughout the day. Shades support healthy day-lighting while reducing or eliminating uncomfortable glare for workers.

“ Draper Inc. has appointed BAB Projects as its sole UK fabrication & sales partner for our FlexShade XD Clutch to the UK commercial specification and construction sectors. ”
Brian Cassley, European Sales Manager - Draper Inc.



Draper FlexShade XD

A premium clutch designed for the most demanding applications



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Draper FlexShade XD

Our XD clutch provides smooth, quiet operation even for larger clutch operated shades.



Features and Options:

- A premium clutch designed for the most demanding applications. The XD clutch provides smooth, quiet operation even for larger clutch-operated shades.
- Internal rotation bearing ensures smooth, quiet operation.
- Spline attachment method allows for easy field fabric replacement when necessary.
- Centered bead chain exit allows for right or left hand operation without field modification.
- Small and large hardware compatible with Draper U-channels or L-angles. No field modification required.
- Available with small and large hardware (fascia, headbox, etc.) and also dual roller configuration.
- Includes wall mounting brackets and decorative plastic end cap covers as standard.
- 3mm thick steel mounting bracket with integrated XD Clutch.

Warranty:

Draper warrants that its FlexShade XD Clutch is covered by a 25 year limited warranty against defects in material and workmanship.

Technical Specification:

- 1. XD Clutch Mechanism**—POM thermoplastic with welded 9mm primary steel post, and rotational bearing to ensure smooth, quiet operation. POM is an engineering thermoplastic used in precision parts that require high stiffness, low friction and excellent dimensional stability. Trade names of POMs include DuPont, Delrin; Ticona Hostaform, Celcon; and Polyplastic Duracon. The XD clutch has overrunning design. Positive mechanical attachment of drive mechanism to roller tube. White or black colour options.
- 2. Centred Bead Chain Drive**—Bead chain will not interfere with optional side channels.
- 3. Bead Chain**—Stainless steel bead chain with 120 pound breaking strength. Polyester chain available upon request.
- 4. Bead Chain Hold Down**—All Draper clutch operated shades are provided with a "P-Clip" style chain hold down attached to the chain at the factory. Optional spring loaded chain tension device is also available.
- 5. Fascia Cover**—FlexShade XD is compatible with standard Draper fascia panel or headbox cover. Aluminium L-shaped or radius fascia cover. Snaps onto endcaps without exposed fasteners. No notching of fascia required. Continuous fascia can cover two or more shade bands. Available in clear anodized, black, bronze, ivory, or white powder coat finish. Optional powder coat colours are available. Full range of hardware accessories is available.
- 6. Mounting Brackets (endcaps)**—3.2mm thick zinc plated steel with reinforcement ribs. Suitable for wall or ceiling installation. Wall brackets are provided standard with every shade. 2 sizes: 83mm x 96mm and 115mm x 115mm. Snap on plastic end cap covers are included.
- 7. Fabric Attachment**—Shade fabric attached to aluminium roller tube with spline fabric attachment method. Allows for easy removal of fabric panel without removal of roller tube assembly.
- 8. Roller Tube**—40mm, 51mm, or 60mm diameter extruded aluminium roller tube as appropriate for size of shade. Spring Assist Mechanism ensures smooth operation of large shades. Larger units are automatically provided with spring assist mechanism. Spring assist is optional for smaller sizes.
- 9. "L" Angle or "U" Channel**—Available to reduce light gaps at side of shade fabric. Bead chain will not interfere with angle or channel.
- 10. Bottom Hem Pocket**—54mm heat sealed bottom hem pocket with 3.2mm x 25.4mm aluminium slat. Pocket ends are heat sealed so slat bar cannot be easily removed.
- 11. Shade Fabric**—Draper uses fabrics from leading textile mills. Unmatched style and colour choices. We also offer PVC-free and recyclable fabrics. Fire retardancy and antimicrobial documentation and testing reports are available.

Draper FlexShade XD

Blind Components and Dimensions

