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Bennett Mirror Systems, Inc.

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Features & Benefits

- **Duravision mirrors are made with 100% Virgin, Optical grade, Acrylic with UV inhibitors.**
 1. No liability issues, like those associated with glass faces.
 2. Guarantees that the reflected image will have no dullness, haziness or fuzziness and will not fade or yellow over time.
 3. The reflected image is clearer and easier to see.
 - Products made with recycled plastics are not as clear and are prone to early fading, crazing and yellowing. It is also hard to have a consistent product from batch to batch, due to impurities that may be mixed in.
 - Any Acrylic mirror without UV inhibitors will fade and yellow over a shorter time period.
- **Bennett Mirror Technologies, LTD. uses the very latest Vacuum Mirror Coating Technology**
 1. These new generation lower atmosphere chambers, developed in conjunction with the manufacturer, ensures industry leading clarity, consistency & quality throughout the Duravision line.
 2. This same technology is used in coating the headlight reflectors in Mercedes & BMW vehicles and Duravision has continued this development to give the brightest and most weather-resistant mirror coating available.
 - Many manufacturers are still using older technology, large volume, vacuum chambers. These chambers have a hard time keeping the vacuum consistent, which can result in uneven coatings per mirror and batch, Inconsistent adhesion to the Acrylic base, and blackening/Dulling of the mirrors reflective surface due to the substrate heating inconsistencies.
- **Duravision mirrors use a 3-millimeter thick Acrylic face sheet.**
 1. This thickness gives the mirror the correct strength to weight ratio to hold its shape, while allowing a lighter load on the mounting fasteners.
 2. The thickness also allows the mirror face to flex if bumped or hit with no visible or structural damage, thus reducing maintenance/replacement costs.
 - Cheaper products that use thinner faces easily distort and obscure the reflected image.
 - Thicker Acrylic or Glass face sheets are easier to break (no flex capability) and the image is usually darker and duller. Some competitors use thicker face sheets to make up for out-of-date manufacturing processes and machinery.
- **Duravision mirrors are sealed between the mirror face and backing edge, and they also utilize a one-piece, extruded rubber, weatherproof trim ring.**
 1. Moisture can not penetrate the edge between the face, reflective coating and protective backing.
 - Competitor's products that don't seal the edges or use a mechanical crimp-on trim are susceptible to moisture, causing premature failure due to the coating peeling, cracking and discoloring from oxidation.

Reflecting Over 50 Years of Experience, Clearly Better



Features & Benefits

- **Duravision's mounting base is attached to the interior side of the backing.**
 1. All of Duravision's bracket mounted convex mirrors utilize the inside-out base attachment method to spread any load across the whole back of the mirror and do not rely on only a few attachment screws.
 - Products with mounting brackets installed on the exterior, all share the common problem of the load being distributed to a few screws attaching the bracket to the backing. Screw hold can fail due to stress loads from wind or hits and, also from moisture wicking into and softening the backing material.
- **Duravision Dome mirrors are engineered to give the correct curvature or bend, this means the images reflected are larger and brighter across the complete range.**
 - Most competitor products have very deep bends to their mirrors, meaning that the reflection is smaller and therefore, harder to see.
 - These deeper bends mean many competitive ceiling domes show much of the ceiling instead of the view below and their 1/2 face mirrors show much of the wall rather than the view in front.
 - You can lose as much as 40-50% of the usable mirror face with our competitors domes.
- **Duravision's forming process utilizes different molds for each size and type of mirror.**
 1. The bracket mounted mirrors have a consistent 160 degree curvature from edge to edge, with no edge distortion, regardless of the size used.
 2. The full, half and quarter dome series also employ separate molds. Duravision's 1/2 AND 1/4 domes have a shallower curvature which translate into a wider usable field of vision (Less wall, more aisle)
 - In an effort to save money, some manufacturers only buy a few molds and will cover a range of sizes by either trimming the mirror down or using the overlaid edge for larger sizes. This usually will show up as a 1"-2" distortion ring around the outer edge and effectively reduces the usable size.
 - Full domes utilize a deeper mold to achieve a wider field of vision., Some manufacturers will use full domes to fill out their 1/2 & 1/4 dome lines. This short cut can cause 3+/-" of the reflective image to be useless wall space.
 - Both points will result in the end-user needing to go up a size to achieve the same results that a Duravision mirror will provide.



- **E-Z mounting, galvanized, J-bracket assembly.**

1. The standard I/O & Heavy-duty models utilize a galvanized, locking/sliding nut and round bar, J-bracket assembly for mounting; this provides a strong, rust resistant mount with limitless mirror positioning.
 - Most competitors use a ball & swivel arrangement, which restricts mirror positioning to an approximate 90-degree range, greatly reducing the mounting and viewing options available.
 - Products that use off-the-shelf flat stock steel for mounting brackets are susceptible to bending and rusting.

- **Duravision's new ACM backing material.**

1. The standard I/O models incorporate the new ACM backing, leading edge technology that utilizes an Aluminum Composite material consisting of a polythene sheet sandwiched between 2 layers of high strength aluminum alloy, all bonded together with various micromolecular films, primers and protectants. Stronger, lighter and impervious to harsh environments!
 - All of the common Hard-board backings offered, have the same inherent weakness of warping and/or bending over time, or when exposed to wet, damp or humid environments causing maintenance issues and premature failure of the complete product.
 - Steel backings are stronger, however, they add weight to the hanging hardware and are prone to rusting.
 - Also, note that there are up-charges for the steel backings and beefier mounting hardware resulting in Duravision's competitive advantage!