

DELTA DOORS

7 5 0 0 N W 6 9 ^{T H} A V E .

Miami, Fl 33166

TEL 305-888-0077 FAX 305-884-3111

e-mail: deltadoors@deltadoors.com www.deltadoors.com

SERIES DHS-500 ALUMINUM FLUSH GLAZED STOREFRONT SYSTEM



7 5 0 0 N W 6 9 ^{T H} A V E .

Miami, Fl 33166

TEL 305-888-0077 FAX 305-884-3111

e-mail: deltadoors@deltadoors.com www.deltadoors.com

TABLE OF CONTENTS

SECTION	PAGE
<u>DHS-500 STOREFRONT SYSTEM</u>	
GENERAL NOTES	3-4
DHS-500 TYPICAL ELEVATION	5
TYPICAL DETAILS	6

DELTA DOORS

7 5 0 0 N W 6 9 ^{T H} A V E .

Miami, Fl 33166

TEL 305-888-0077 FAX 305-884-3111

e-mail: deltadoors@deltadoors.com www.deltadoors.com

DHS-500 Storefront System is a hurricane resistant impact wall system achieving very high wind loads and providing maximum hurricane protection. This product is conceptually engineered to deliver simplicity of installation, high visual elegance, strength and durability.

DHS-500 IMPACT STOREFRONT SYSTEM

Notice of Acceptance Large Missile Impact: NOA No. 04-0331.02

Expires March 20, 2009

PERFORMANCE

Meets all Miami-Dade County, Florida, air, water, structural and impact requirements

Large and Small missile impact test

- Maximum design pressure of +130 psf / -130 psf
- Water resistant at 15 psf
- Air Infiltration = 0.050 cfm/sq.ft. at a pressure differential of 6.24 psf

STANDARD FEATURES

- Maximum panel size: 48" x 120"
- Horizontal and vertical aluminum members frame 1.75" x 5"
- Frame assembled with four (4) #12 x 1.5" PHSMS at each corner

PRODUCT APPLICATIONS

The DHS-500 is an impact window wall system for use in all commercial applications, condominiums, lofts, hotels and apartments, and is intended to be installed in punched openings or as a liner frame with other Delta Doors impact door series.

MATERIALS

- Aluminum frame sections should be extruded aluminum AA 6063 T6 alloy
- Glazing materials shall be Norton 2106 series tape, Dow Corning #995 structural silicone and Neoprene glazing gasket

Option "A"

Glass: 9/16" laminated impact glass 0.075"
VS02 Vanceva composite interlayer by Solutia

Laminated Glass Composition: • 1/4" heat-strengthened laminated glass •
0.075" VS02 interlayer •
1/4" heat-strengthened glass

DELTA DOORS

7 5 0 0 N W 6 9 ^{T H} A V E .

Miami, Fl 33166

TEL 305-888-0077 FAX 305-884-3111

e-mail: deltadoors@deltadoors.com www.deltadoors.com

Option "B"

Glass: 9/16" laminated impact glass
.090" PVB interlayer by Solutia or DuPont

Laminated Glass Composition:
Exterior Lite: 1/4" heat-strengthened glass .
090" PVB interlayer
Interior Lite: 1/4" tempered glass

Tint of glass available as selected by the architect/owne

FINISHES

Standard aluminum finishes:

- Polycron 500 polyester (white)
- Bronze anodized
- Clear anodized
- Kynar 500 (special order)

OPTIONAL FEATURES

- Applied Muntins

INSTALLATION

Delivered pre-assembled and glazed – ready to be placed into opening and attached along the perimeter with installation fasteners

WARRANTY

- One-year standard manufacturer's warranty
- Five-year warranty on Kynar finish
- Five-year glass manufacturer's warranty on laminated glass

DELTA DOORS

7500 NW 69TH AVE.

Miami, FL 33166

TEL 305-888-0077 FAX 305-884-3111

e-mail: deltadoors@deltadoors.com www.deltadoors.com

