



Product Description

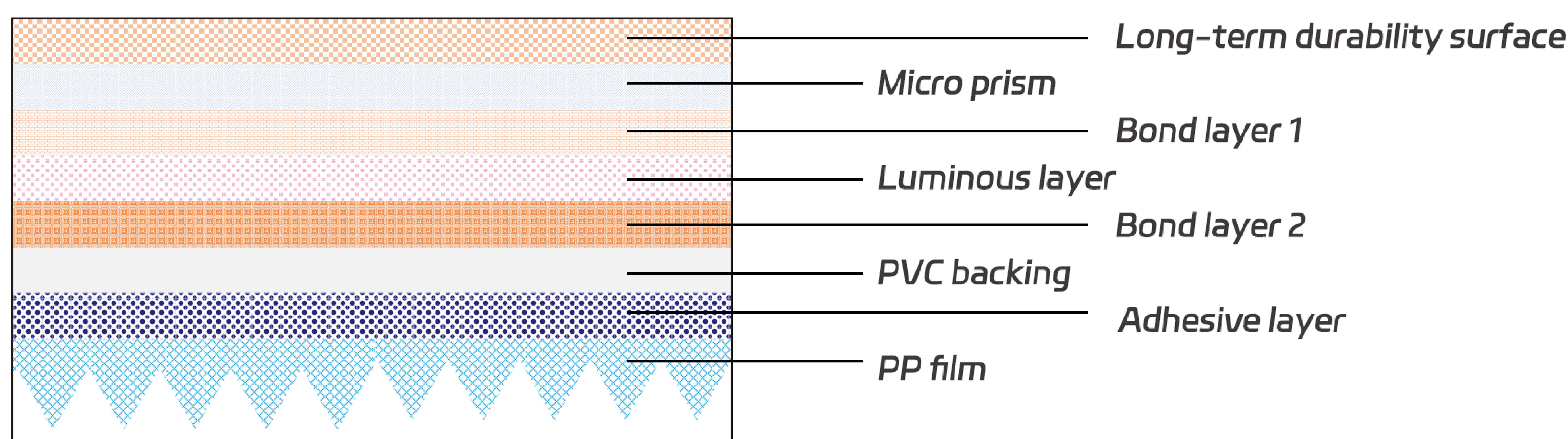
DM7690 High Intensity Grade Prismatic Series is a new production developed by DM, it combines the characters of reflective sheeting and luminous film, it can be reflective when the light shoot on the film as well as glow in the dark by itself. DM7690 is an ideal product to be the warning sign at night with its feature of non-radioactive, non-toxic and non-heavy metal

Sheeting Features

Properties: The PMMA overlay provides the Sheeting a durability of more than 10 years.

Color	Product Code
Yellow-Green	DM7690

Application: DM7690 Series Sheeting meets the requirements of ASTM D4956 Type IV and DIN67510 Class C. It can be applied to permanent traffic signs etc



Retroreflectivity

DM7690 series exceeds the minimum performance requirements of ASTM D4956 Type IV and DIN67510 Class C. The required minimum retroreflection is shown in table 1 and table 2 below

Retroreflection for new sheeting (cd/lx/m ²) as per ASTM D4956 Type IV				Minimum Afterglow Time(According to DIN67510 Class C)			
Observation angle	0.2°		0.5°	Unit:mcd/m ²			
Entrance angle	-4°	30°	-4°	2 min	10 min	30 min	60 min
White	360	170	150	690	140	45	20

Adhesive Application

DM7690 High Intensity Grade Prismatic series sheeting is recommended to use on the aluminium and steel boards. When used on a High-density polyethylene (HDPE) surface or PP surface, different kinds of adhesives for these surfaces can be offered.

Specifications for New Sheeting

DM7690 High Intensity Grade Prismatic series sheeting meets ASTM D4956 IV, DIN67510 Class C

Length	1.22m(48")
Width	30m(32.82 yards)
Weight	32kg(71lb)
Box Dimensions	1.31*0.26*0.26m
Thickness (without release paper)	1mm (39.51mils)
Applicable Printing Solutions	Digital(UV, Eco Solvent, Latex) Screen Printing
Adhesion	15N/25mm (FINAT TM1, after 24h, aluminum plate)
Service life	≥10 years

Entrance Angularity Performance

DM7690 High Intensity Grade Prismatic sheeting has a wide angle reflectivity. However, the efficiency of light return from cube corner reflectors is not equal at all application orientations. DM7690 series are recommended to apply at 0°orientation. See the picture below for details.

