

ECLIPSE+ PAINT PROTECTION FILM

Technical Data Sheet

TECHNICAL DATA	
BASIC PARAMETERS	LIFETIME WARRANTY
TOTAL THICKNESS	193 UM (7.6 MIL)
COLOR	COLORLESS AND TRANSPARENT
GLOSS	110 GU
TEAR STRENGTH	47.1 KN/M
QUV AGING RESISTANCE	0.14 (8000 HRS)
TENSILE STRENGTH	28.7 MPA
ELONGATION AT BREAK OF PPF	310%
100% MODULUS	5.7 MPA
HAZE	0.29%
VISIBLE TRANSMITTANCE	93.0%
UV REJECTION	95%
HYDROPHOBIC PROPERTY	HYDROPHOBIC
SURFACE PERMEABILITY RESISTANCE	SLIGHT TRACES
THERMAL SELF-HEALING	100% SELF-HEALING
ACRYLIC LAYER PEELING FORCE/20MIN	2550 GF/INCH
ACRYLIC LAYER PEELING FORCE/24 HOUR	3650 GF/INCH

AGING TESTS		
PROPERTIES	TYPICAL VALUES	TESTING CONDITIONS
HEAT AGING	NO DETRIMENTAL EFFECT	150 H @ 80°C
XENON WEATHERING	$\Delta E < 2$, 80% GLOSS RETENTION	4,300 KJ
EMMAQUA AGING	$\Delta E < 2$, 88% GLOSS RETENTION	27,500 MJ/M ² , 2.3 YEAR EXPOSURE EQUIVALENT

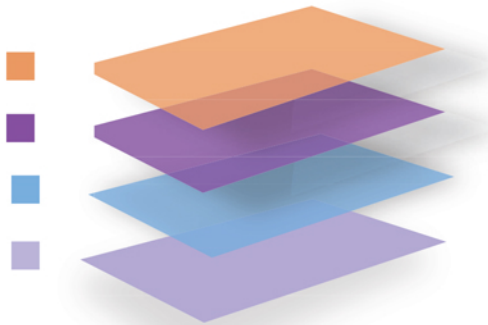
STAIN RESISTANCE		
PROPERTIES	TYPICAL VALUES	TESTING CONDITIONS
ACETONE	NO DETRIMENTAL EFFECT	IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE
GASOLINE	NO DETRIMENTAL EFFECT	IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE
MOTOR OIL	NO DETRIMENTAL EFFECT	IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE
100% ISOPROPYL ALCOHOL	NO DETRIMENTAL EFFECT	IMMERSE FOR 35 MIN, CHECK AFTER 24 HOURS FOR CHANGE

Dualcoat® 2.0

TPU Layer

Adhesive Layer

Silicon PET Liner



Suggested Shelf Life – 2 years from the date of purchase

Suggested Storage Conditions – 72°F (22°C) @50% RH, stored vertically

Suggested Film Handling – Always ensure film is wound tight and taped firmly in between usage

Important buyer warning:

All claims, details, and suggestions are supported by the above-mentioned independent test findings. It is advised to conduct testing for suitability for intended use before using any product in any application.