

PALTUF®/PALSUN® General Purpose Sheets

TECH BRIEF: 812

Can specialty coatings be applied to PALTUF®/PALSUN® general purpose PC sheets?

End-use quality criteria should be clearly defined, and compatibility of any specialty coating should be thoroughly evaluated prior to using PALTUF® or PALSUN® general purpose sheets for specialty coating applications (i.e., anti-scratch coating).

Generally speaking, applying a specialty coating to general purpose sheets is not recommended.

- General purpose sheets have certain allowable and in some cases unavoidable defects created by the manufacturing process.
- The application of hard coats and some specialty coatings MAY, in some cases, magnify these imperfections to appear to be a size outside of the allowable tolerance.
- Since there is no fool-proof way to determine the actual particulate size after the coating is applied, Palram will not credit any sheets rejected for such reasons regardless of the particle size.
- Performance, adhesion, and compatibility of specialty coatings can vary as they are applied to different brands of PC sheet. Coating processes used for one manufacturer's products may not be successful for coating similar products from another manufacturer. Compatibility and adhesion should be thoroughly evaluated prior to use.

Palram offers PALGARD™ Abrasion Resistant Polycarbonate Sheet which is produced with stringent quality and sheet selection controls to ensure particulate size standards are met prior to coating. It is also specially prepared to minimize the appearance of particulate size after coating.

To ensure optimal performance and appearance, Palram recommends the use of PALGARD™ Abrasion Resistant Polycarbonate Sheet.

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