



Lucitelux® Hard Coat

TECHNICAL BULLETIN

The hard coating of MR200 is approximately 20 micron thick, (compared to a typical thickness of 5-8 micron for competitive products). This gives MR200 significant advantages:

- Increased scratch resistance over thinner coatings
- The sheet is more thermoformable than other hard coated materials as the coating is less likely to crack, however the forming process needs to be carefully controlled
- MR200 has equal impact resistance to Lucite® L acrylic sheet

Thickness tolerance specification

Nominal Thickness (inches)	Tolerance (inches)
0.020	.003
0.026	.003
0.040	.003
0.047	.004
0.060	.004
0.080	.006
0.118	.012
0.157	.012
0.197	.016
0.236	.020
0.315	.024
0.394	.028

Production thickness tolerances are typically better than this specification

The enhanced properties offered by MR200 will not be effective on cut edges of the sheet.

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Masking

LuciteLux® MR200 material is masked with non-thermoformable PE film.

Individual “packs” within each pallet of LuciteLux® MR200 are paper wrapped to further protect the sheets.

The quantity per pack depends on thickness.

Outdoor Weathering

LuciteLux® MR200 is not covered by a guarantee; however the product has not become hazy or cracked after

2000 hours in accelerated weathering tests (Weathering conducted for 2000 hours in a “Sunshine Weather O-Meter” machine).

All data to date suggest that the product is suitable for outdoor use.