

Technical Bulletin 5.2

Mactac Solar properties of MT Glass Decor series

The present Technical Bulletin provides detailed information on the solar properties of the Mactac Glass Decor series.

OPTICAL PROPERTIES

Measurements performed on VARIAN CARY 5000 UV – VIS – NIR (ultra violet – visible – near infrared).
Results calculated according to EN 410 norm.

MACal GLASS DECOR 700

Optical Properties	708-00	738-00	748-00	758-00	778-00	798-01	798-02	798-01 BF
% Energetic Reflexion	22.9	23.8	23.2	23.8	24.8	22.1	8.4	22.4
% Luminus Reflexion	24.0	22.9	23.7	23.8	23.7	22.9	9.5	23
% Energetic Transmission	38.8	48.7	49.0	49.8	50.3	56.8	75.0	69
% Luminus Transmission	43.5	50.1	54.0	52.9	56.0	62.6	82.2	70.6
% Luminus Absorption	32.5	27.0	22.4	23.5	24.9	21.1	8.3	6.4
% Energetic Absorption	38.3	27.4	27.9	26.4	20.2	14.4	16.6	8.6
% U.V. Blocked	81.3	83.6	82.1	80.2	87.1	76.6	68.0	69.4
% U.V. Transmission	18.8	16.4	17.9	19.8	12.9	23.4	32.0	30.4

MACal GLASS DECOR 500

Optical Properties	598-03	598-03 BF
% Energetic Reflexion	19.3	19.9
% Luminus Reflexion	19.9	20.5
% Energetic Transmission	70.1	69.2
% Luminus Transmission	73.1	72.7
% Luminus Absorption	7	6.8
% Energetic Absorption	10.6	10.9
% U.V. Blocked	89.1	94.8
% U.V. Transmission	10.9	5.2

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