



Commercial ThermalHEART™ Door | Series 852

Thermally broken Commercial Door

Double Glazed

Window ID	Glass Type	Uw	SHGCw	Tvw	Inf
AWS-053-01	638ClrLam/12/6Clr	3.4	0.42	0.45	5
AWS-053-02	638ClrLam/12Ar/6Clr	3.3	0.42	0.45	5
AWS-053-03	638CPGy/12/6Clr	3.0	0.26	0.2	5
AWS-053-04	638CPGy/12Ar/6Clr	2.8	0.26	0.2	5
AWS-053-05	638CPClr/12/6Clr	2.9	0.37	0.42	5
AWS-053-06	638CPClr/12Ar/6Clr	2.9	0.37	0.42	5
AWS-053-07	638TS30/12/6Clr	3.4	0.2	0.17	5
AWS-053-08	638TS30/12Ar/6Clr	3.3	0.19	0.17	5
AWS-053-09	1038SnClr/8/6Clr	3.2	0.29	0.33	5
AWS-053-10	1038SnClr/8Ar/6Clr	3.0	0.29	0.33	5
AWS-053-11	6.38SnClr/12/6Clr	3.1	0.31	0.34	5
AWS-053-12	1038ClrLam/8/6Clr	3.4	0.32	0.34	5
AWS-053-13	1038ClrLam/8Ar/6Clr	3.3	0.32	0.34	5
AWS-053-14	6EVGy/12/6Clr	3.0	0.21	0.17	5
AWS-053-15	6SnGy/12Ar/6Clr	3.1	0.22	0.16	5
AWS-053-16	6SnGy/12/6Clr	2.9	0.22	0.16	5
AWS-053-17	6EVGy/12Ar/6Clr	2.9	0.21	0.17	5
AWS-053-18	6EVClr/12/6Clr	3.4	0.35	0.34	5
AWS-053-19	6EVClr/12Ar/6Clr	3.3	0.35	0.34	5
AWS-053-20	4SG/16Ar/4Clr	3.3	0.28	0.38	5
AWS-053-21	6.38GyLam/12Ar/6Clr	3.1	0.37	0.42	5
AWS-053-22	6.38GyLam/12/6Clr	3.3	0.16	0.07	5
AWS-053-23	6.38SnClr/12Ar/6Clr	3.4	0.16	0.07	5
AWS-053-24	6SnClr/12/6Clr	2.9	0.3	0.34	5
AWS-053-25	6SnClr/12Ar/6Clr	3.1	0.31	0.34	5
AWS-053-26	10SnClr/8/6Clr	3.0	0.31	0.34	5
AWS-053-27	10SnClr/8Ar/6Clr	3.2	0.3	0.34	5
AWS-053-28	638CPGy/8/4Clr	3.1	0.3	0.34	5
AWS-053-29	638CPGy/8Ar/4Clr	3.1	0.27	0.2	5
AWS-053-30	638CPClr/8/4Clr	2.9	0.26	0.2	5
AWS-053-31	638CPClr/8Ar/4Clr	2.9	0.26	0.2	5
AWS-053-32	3SG/12/3Clr	3.4	0.29	0.37	5
AWS-053-33	3Clr/12Ar/3ET	2.8	0.43	0.43	5
AWS-053-34	4SnClr/10/4Clr	3.2	0.33	0.35	5
AWS-053-35	4SnClr/10Ar/4Clr	3.0	0.32	0.35	5
AWS-053-36	4Clr/10/4Clr	3.5	0.45	0.46	5
AWS-053-37	4Clr/10/4ET	2.9	0.43	0.42	5
AWS-053-38	5Clr/8/5Clr	3.5	0.43	0.45	5
AWS-053-39	5Clr/8Ar/5Clr	3.4	0.44	0.46	5
AWS-053-40	4Az/10/4ET	3.0	0.25	0.35	5
AWS-053-41	5SG/8Ar/5ET	3.0	0.25	0.34	5

NOTES
 1. Uw is the whole window U-value. 2. SHGCw is the whole window solar heat gain coefficient. 3. Tvw is the whole window visible (light) transmittance
 4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame). 5. A negative percentage improvement figure indicates performance worse than the base-case window. 6. A positive percentage improvement figure indicates performance better than the base-case window. 7. Maximum air infiltration is 5.0L/s.m2 at a positive pressure difference of 75 Pa as measured according to AS 2047. 8. Static performance (Uw SHGCw Tvw Tdw) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003. 9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008. 10. Results disclosed at National Fenestration Rating Council (NFRC) regulations.