## Whiteline Manufacturing Ltd - New BFRC Energy Ratings - Issue 1 - January 2015

| Window Design                                    | Sash   | Frame   | Mullion   | Bead  | BFRC No.     | 28mm Glazing Unit  | U Value | Rating       |
|--|--|---|---|---|--------------|--|---------|--------------|
|  |  |   |   |   |              |  |         | 1            |
| Sculptured Suite                                 | LSW033 6 Chamber Sculptured                            | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4626         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -15        |
| Sculptured Suite                                 | LSW033 6 Chamber Scupltured                            | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4625         | Planilux,Argon,Total+,Ali Spacer,Hot Melt  | 1.5     | B -5         |
| Sculptured Suite                                 | LSW033 6 Chamber Sculptured                            | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4624         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +6         |
|  |  |   |   |   |              |  |         |              |
| Sculptured Suite                                 | LSW033 6 Chamber Sculptured                            | LSW017 5 Chamber Scupltured LARGE                       | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4626         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -19        |
| Sculptured Suite                                 | LSW033 6 Chamber Sculptured                            | LSW017 5 Chamber Sculptured LARGE                       | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4625         | Planilux,Argon,Total+,Ali Spacer,Hot Melt  | 1.5     | B -10        |
| Sculptured Suite                                 | LSW033 6 Chamber Sculptured                            | LSW017 5 Chamber Sculptured LARGE                       | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4624         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.3     | A +1         |
|  |  |   |   |   |              |  |         |              |
| Chamfered Suite                                  | LCW033 6 Chamber Chamfered                             | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4630         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -15        |
| Chamfered Suite                                  | LCW033 6 Chamber Chamfered                             | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4629         | Planilux,Argon,Total+,Ali Spacer,Hot Melt  | 1.5     | B -5<br>A +6 |
| Chamfered Suite                                  | LCW033 6 Chamber Chamfered                             | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4628         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.3     | A +0         |
| Chamfered Suite                                  | LCW033 6 Chamber Chamfered                             | LCW017 5 Chamber Chamfered LARGE                        | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4630         | Planilux.Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -20        |
| Chamfered Suite                                  | LCW033 6 Chamber Chamfered                             | LCW017 5 Chamber Chamfered LARGE                        | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4629         | Planilux,Argon,Total+,Ali Spacer,Hot Melt  | 1.5     | B -10        |
| Chamfered Suite                                  | LCW033 6 Chamber Chamfered                             | LCW017 5 Chamber Chamfered LARGE                        | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4628         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.3     | A +1         |
| Onamor ou outo                                   | 2011000 0 Origination Origination                      | EGWG17 G GHAMBGI GHAMIGIGG EFWAE                        | 20W022 0 Onambor Onamboroa                                | 2011011 Onamorea  | 1020         | r tarmaxy a gori, rotal r jo mosopasos, jriot met                                    |         |              |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4626         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -14        |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4625         | Planilux, Argon, Total+, Ali Spacer, Hot Melt  | 1.5     | B -4         |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4624         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +7         |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4623         | Diamant, Argon, Total+, Swissspacer, Hot Melt  | 1.3     | A+           |
|  |  |   |   |   |              |  |         |              |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW017 5 Chamber Sculptured LARGE                       | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4626         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -18        |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW017 5 Chamber Sculptured LARGE                       | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4625         | Planilux, Argon, Total+, Ali Spacer, Hot Melt  | 1.5     | B -9         |
| Slim Sash Sculptured Suite                       | LCW034 6 Chamber Slim Sash Chamfered                   | LSW017 5 Chamber Sculptured LARGE                       | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured   | 4624         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +1         |
|  |  |   |   |   |              |  |         |              |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4630         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.7     | C -16        |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4629         | Planilux,Argon,Total+,Ali Spacer,Hot Melt  | 1.5     | B -6         |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4628         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +7         |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW012 6 Chamber Chamfered                              | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4627         | Diamant, Argon, Total+, Swissspacer, Hot Melt  | 1.3     | A+           |
|  |  |   |   |   |              |  |         |              |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW017 5 Chamber Chamfered LARGE                        | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4630         | Planilux,Air,Total+,Ali Spacer,Hot Melt  | 1.6     | C -18        |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW017 5 Chamber Chamfered LARGE                        | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4629         | Planilux, Argon, Total+, Ali Spacer, Hot Melt  | 1.5     | B -9         |
| Slim Sash Chamfered Suite                        | LCW034 6 Chamber Slim Sash Chamfered                   | LCW017 5 Chamber Chamfered LARGE                        | LCW022 3 Chamber Chamfered                                | LCW041 Chamfered  | 4628         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +1         |
|  |  |   |   |   |              |  |         |              |
| FLUSH SASH Sculptured Suite                      | LSW030 4 Chamber Flush Sash Sculptured                 | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured & LPD083 Sculptured                                     | 4624         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.4     | A +6         |
|  |  |   |   |   |              |  |         |              |
| FLUSH SASH Sculptured Suite                      | LSW030 4 Chamber Flush Sash + DBR Sculptured           | LSW012 6 Chamber Sculptured                             | LSW022 3 Chamber Sculptured                               | LSW041 Sculptured & LPD083 Sculptured                                     | 4624         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.3     | A +4         |
| Parity Chamber of Cuite                          | LOWINGS COhearhan Charafanad                           | WI MOAD 7 Chamber Coulet                                | WI Word O Charabanad Carba at                             | LOWOM Charters de LOWOM Carter  | 4000         | District Assess Table Conference of the Addition                                     | 1.0     | A 8          |
| Revival Chamfered Suite  Revival Chamfered Suite | LCW033 6 Chamber Chamfered  LCW033 6 Chamber Chamfered | WLW012 7 Chamber Sculptured WLW012 7 Chamber Sculptured | WLW010 3 Chambered Sculptued WLW010 3 Chambered Sculptued | LCW041 Chamfered & LSW041 Sculptured LCW041 Chamfered & LSW041 Sculptured | 4632<br>4631 | Planilux,Argon,Total+,Swissspacer,Hot Melt Diamant,Argon,Total+,Swissspacer,Hot Melt | 1.3     | A +6<br>A+   |
| Hevival Chaimered Suite                          | LOW055 & Chamber Chameled                              | WEW012 / Chamber Sculptured                             | WEW010 3 Chambered Sculptued                              | ECW041 Chamlered & ESW041 Sculptured                                      | 4031         | Diamant, Argon, Total+, Swissspacer, Not Melt  | 1.3     | A+           |
| Revival Sculptured Suite                         | LSW033 6 Chamber Sculptured                            | WLW012 7 Chamber Sculptured                             | WLW010 3 Chambered Sculptued                              | LSW041 Sculptured   | 4632         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +6         |
| Revival Sculptured Suite                         | LSW033 6 Chamber Sculptured                            | WLW012 7 Chamber Sculptured WLW012 7 Chamber Sculptured | WLW010 3 Chambered Sculptued WLW010 3 Chambered Sculptued | LSW041 Sculptured   | 4631         | Diamant, Argon, Total+, Swissspacer, Hot Melt  | 1.3     | A+0          |
| Howar occipiared oute                            | 2011000 0 Origination Occupiance                       | WENTE / Chamber dealptured                              | WENTO S SHambered Sculptured                              |   | 4001         | Statutant, Augon, Fotor+, Owissipacer, Flot Welt                                     | 1.0     |              |
| Revival Chamfered Suite                          | LCW034 6 Chamber SLIM SASH Chamfered                   | WLW012 7 Chamber Sculptured                             | WLW010 3 Chambered Sculptued                              | LCW041 Chamfered & LSW041 Sculptured                                      | 4632         | Planilux, Argon, Total+, Swissspacer, Hot Melt                                       | 1.3     | A +8         |
| Revival Chamfered Suite                          | LCW034 6 Chamber SLIM SASH Chamfered                   | WLW012 7 Chamber Sculptured WLW012 7 Chamber Sculptured | WLW010 3 Chambered Sculptued                              | LCW041 Chamfered & LSW041 Sculptured                                      | 4631         | Diamant, Argon, Total+, Swissspacer, Hot Melt  | 1.3     | A+           |
|  |  |   |   | 2011 Occupitated  |              |  |         |              |
| Revival Chamfered Suite                          | LSW030 4 Chamber FLUSH SASH Sculptured                 | WLW012 7 Chamber Sculptured                             | WLW010 3 Chambered Sculptued                              | LSW041 Sculptured & LPD083 Sculptured                                     | 4632         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.3     | A +7         |
| Revival Chamfered Suite                          | LSW030 4 Chamber FLUSH SASH + DBR Sculptured           | WLW012 7 Chamber Sculptured                             | WLW010 3 Chambered Sculptued                              |   | 4632         | Planilux,Argon,Total+,Swissspacer,Hot Melt   | 1.3     | A +4         |