

AERC Grouping Cheat Sheet

AERC Accepted Simulators can use this document to determine how to group products prior to conducting simulations. Prior to grouping, simulators must define individual products per AERC 1. Please refer to AERC 1 for additional product grouping details. If there is any conflict between this document and AERC 1, AERC 1 will govern.

All product groupings must follow AERC grouping rules to determine the group leader and group members. The group leader must be simulated, and then all group members inherit the performance properties and ratings of the leader. Grouping products is optional, and some AERC program participants may choose to not group products or only use certain grouping rules.

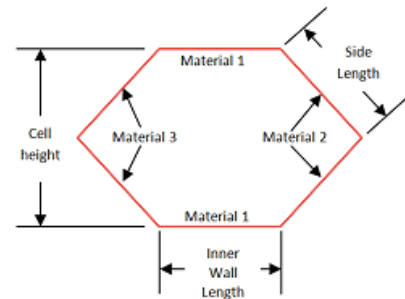
There is currently no material grouping allowed in AERC 1.1.

Cellular Shades

All products in a group must have the same cell fabric/ material (CGDB ID), including color.

Products can be grouped together based on their side lengths:

1. Less than 14 mm (9/16 in) side length
 - a. Group leader = product with the **smallest** side length
2. Greater than or equal to 14 mm (9/16 in)
 - a. Group leader = product with the **largest** side length



Slat Shades

All products in a group must have the same fabric/ material (CGDB ID), including color and perforation pattern.

Products can be grouped if:

1. Their slat widths are within 6 mm (0.25 in)
 - a. Group leader = product with the **smallest** slat width
2. Their slat thickness is within 0.5 mm (0.02 in)
 - a. Group leader = product with the **smallest** slat thickness

Roller Shades

No product grouping currently allowed

Storm Windows and Window Panels

All products in a group must have a glazing with the same surface applied coating or film (or none).

Products can be grouped if they have a non-tinted glazing thickness within one of the following bins:

1. Less than or equal to 3.2 mm (1/8 in)
2. Greater than 3.2 mm (1/8 in) and less than or equal to 13 mm (1/2 in)
3. Greater than 13 mm (1/2 in)

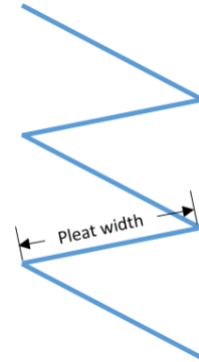
Within each bin, the product with the **smallest** thickness shall be the group leader.

Pleated Shades

All products in a group must have the same fabric/ material (CGDB ID), including color.

Products can be grouped based on pleat width (distance between fold creases) if:

1. Their pleat widths are within 6 mm (0.25 in)
 - a. Group leader = product with the **smallest** pleat width



Solar Screens

No product grouping currently allowed