

Water-resistive Barriers 2015 IBC Code Compliance

Dörken Systems Inc., WRB products comply with Exception 2 of the 2015 IBC requirements for WRB materials for use in the Type I-IV construction.

International Building Code 2015

1403.5 Vertical and lateral flame propagation.

Exterior walls on buildings of Type I, II, III or IV construction that area greater than 40 feet (12 192 mm) in height above grade plane and contain a combustibile water-resistive barrier shall be tested in accordance with and comply with the acceptance of NFPA 285. For the purposes of this section, fenestration products and flashing of fenestration products shall not be considered part of the water-resistive barrier.

Exceptions:

- 1. Walls in which the water-resistive barrier is the only combustibile component and the exterior wall has a wall covering of brick, concrete, stone, terra cotta, stucco or steel with minimum thickness in accordance with table 1405.2*
- 2. Walls in which the water-resistive barrier is the only combustibile component and the water-resistive barrier has a peak heat release rate of less than 150 kW/m², a total heat release of less that 20 MJ/m² and an effective heat of combustion of less than 18 MJ/kg as determined in accordance with ASTM E 1354 and has a flame spread index of 25 or less and a smoke-development index of 450 or less as determined in accordance with ASTM E 84 or UL 723. The ASTM E 1354 test shall be conducted on specimens at the thickness intended for use, in the horizontal orientation and at an incident radiant heat flux of 50 kW/m².*

The following products from Dörken Systems Inc., meet the criteria of Exception 2 of the 2015 IBC for WRB materials:

- DELTA®-VENT S
- DELTA®-VENT S PLUS
- DELTA®-FASSADE S
- DELTA®-FASSADE S PLUS

For any additional technical information regarding our air and moisture barriers for commercial and residential construction please contact our:
Technical Support Team at 1-888-433-5824 Ext. 326.