



March 26, 2018

Hardcast's DS-321 has been tested and has met and exceeded the requirements for a UL listing of UL-181 B-M. The UL standards for a UL181 listing requires a standard Flame spread and Smoke development testing per UL 723 (ASTM E84) with a maximum scores of 50 on smoke development and 25 on fire spread.

The Flame spread and Smoke development for DS-321 are 0 and 0, respectively. By having the UL-181 listing on the duct sealant is the same as having the NFPA 90A and 90 B.

Please consult the DS-321 Technical Data Sheet for additional information.

If additional information is needed, please advise.

Sincerely,

Timothy D. Eorgan
Manager of Specified Products
Hardcast