



July 28, 2017

Guru Kumar
ITW Commercial Construction N.A. (ITW CCNA)
700 High Grove Blvd.
Glendale Heights, IL 60139

Re: QPL Product Evaluation, QPL2017-074

Mr. Kumar,

The evaluation of ITW Commercial Construction's Red Head G5+ Epoxy Resin manufactured in Elk Grove Village, Illinois has been completed.

The documentation and Washington State Department of Transportation (WSDOT) Materials Laboratory testing of your submitted product indicate that Red Head G5+ Epoxy Resin meets the requirements of WSDOT GSP 6-02.2.OPT1.GR6 and has been added to the Qualified Products List (QPL). A copy of the listing, as found in the QPL, is enclosed.

The acceptance code for this product will be "3109". Acceptance code "3109" states: A - Visually verify the resin bonding adhesive delivered is the product that was originally submitted by the Contractor and approved from the QPL. Note 'Restrictions' when present. B - Acceptance of threaded rods, nuts, and washers shall be by satisfactory Manufacturer's Certificate of Compliance per WSDOT Standard Specification 1-06.3 for each delivery of material to the project site. Supporting mill tests or documents may also be required with this document. If the Contract contains a Buy America clause the PEO is responsible for acquiring a Certificate of Material Origin from the Contractor.

The documentation and WSDOT Materials Laboratory testing of your submitted product also indicate that Red Head G5+ Epoxy Resin meets the requirements of Sections 9-26.1(1)A and 9-26.1(1)B of the 2016 Standard Specifications for Road, Bridge, and Municipal Construction (April 2017 Amendment) for Types I, II, IV, and V epoxy resins.

When using this product under Standard Specification 9-26.1(1)A and 9-26.1(1)B, the acceptance code will be "1125". Acceptance code "1125" states: Receipt of a satisfactory Test Report from WSDOT Materials Laboratory is required indicating that the lot(s) or batch(es) of material meets the requirements of the specifications under which it is listed. The Test Report must be received prior to incorporating the material into the project. Samples must be submitted to the State Materials Laboratory a minimum of 21 days prior to use.

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This information is available online at:
<http://www.wsdot.wa.gov/Business/MaterialsLab/QPL.htm>

If there are any questions concerning this matter, please contact Maha Ablson at (360) 709-5442.

Sincerely,

David M. Jones, P.E.
Assistant State Materials Engineer – Materials Quality

DMJ:rzk
Enclosure

cc via e-mail: M. Ablson – QPL/ASA Engineer
G. Kumar – ITW CCNA (gkumar@itwccna.com)



Qualified Product List

Product Information

Manufacturer : ITW Commercial Construction North America (ITW CCNA), Elk Grove Village - IL

Product Name : Red Head G5 Plus

Standard Spec : GSP 6-02.2.OPT1.GR6, Resin Bonded Anchors - Adhesive

Product Description : Resin bonded anchor system: Vinyl Ester Resin; two-component, cartridge type; Type IV; Grade 3 - Non-Sagging. Approved for use with threaded anchor rods of 3/8, 1/2, 5/8, 3/4, 7/8, 1, and 1 1/4 inch diameters.

Product Restriction :

Threaded anchor rods, nuts and washers are by others and Approval per Standard Spec 1-06.1 is required.

Acceptance Code : 3109

Code Description : A - Visually verify the resin bonding adhesive delivered is the product that was originally submitted by the Contractor and approved from the QPL. Note 'Restrictions' when present. B - Acceptance of threaded rods, nuts, and washers shall be by satisfactory Manufacturer's Certificate of Compliance per WSDOT Standard Specification 1-06.3 for each delivery of material to the project site. Supporting mill tests or documents may also be required with this document. If the Contract contains a Buy America clause the PEO is responsible for acquiring a Certificate of Material Origin from the Contractor.

Last Updated : Jul 7, 2017

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Qualified Product List

Product Information

Manufacturer : ITW Commercial Construction North America (ITW CCNA), Elk Grove Village - IL

Product Name : Red Head G5 Plus

Standard Spec : 9-26.1(1)A, Epoxy - Epoxy Resin - Type I

Product Description : Vinyl Ester Resin; two-component, cartridge type; Type I; Grade 3 - Non-Sagging.

Product Restriction :

Acceptance Code : 1125

Code Description : Receipt of a satisfactory Test Report from WSDOT Materials Laboratory is required indicating that the lot(s) or batch(es) of material meets the requirements of the specifications under which it is listed. The Test Report must be received prior to incorporating the material into the project. Samples must be submitted to the State Materials Laboratory a minimum of 21 days prior to use.

Last Updated : Jul 28, 2017

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Qualified Product List

Product Information

Manufacturer : ITW Commercial Construction North America (ITW CCNA), Elk Grove Village - IL

Product Name : Red Head G5 Plus

Standard Spec : 9-26.1(1)A, Epoxy - Epoxy Resin - Type IV

Product Description : Vinyl Ester Resin; two-component, cartridge type; Type IV; Grade 3 - Non-Sagging.

Product Restriction :

Acceptance Code : 1125

Code Description : Receipt of a satisfactory Test Report from WSDOT Materials Laboratory is required indicating that the lot(s) or batch(es) of material meets the requirements of the specifications under which it is listed. The Test Report must be received prior to incorporating the material into the project. Samples must be submitted to the State Materials Laboratory a minimum of 21 days prior to use.

Last Updated : Jul 28, 2017

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Qualified Product List

Product Information

Manufacturer : ITW Commercial Construction North America (ITW CCNA), Elk Grove Village - IL

Product Name : Red Head G5 Plus

Standard Spec : 9-26.1(1)B, Epoxy - Epoxy Resin - Type II

Product Description : Vinyl Ester Resin; two-component, cartridge type; Type II; Grade 3 - Non-Sagging.

Product Restriction :

Acceptance Code : 1125

Code Description : Receipt of a satisfactory Test Report from WSDOT Materials Laboratory is required indicating that the lot(s) or batch(es) of material meets the requirements of the specifications under which it is listed. The Test Report must be received prior to incorporating the material into the project. Samples must be submitted to the State Materials Laboratory a minimum of 21 days prior to use.

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Qualified Product List

Product Information

Manufacturer : ITW Commercial Construction North America (ITW CCNA), Elk Grove Village - IL

Product Name : Red Head G5 Plus

Standard Spec : 9-26.1(1)B, Epoxy - Epoxy Resin - Type V

Product Description : Vinyl Ester Resin; two-component, cartridge type; Type V; Grade 3 - Non-Sagging.

Product Restriction :

Acceptance Code : 1125

Code Description : Receipt of a satisfactory Test Report from WSDOT Materials Laboratory is required indicating that the lot(s) or batch(es) of material meets the requirements of the specifications under which it is listed. The Test Report must be received prior to incorporating the material into the project. Samples must be submitted to the State Materials Laboratory a minimum of 21 days prior to use.

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