

May 6, 2011


To: Red Head Partners & Customers
From: ITW RED HEAD Marketing Dept.
Subject: Epcon G5 Approval

Epcon G5 adhesive, manufactured by ITW Red Head, has received an updated evaluation report (ESR# 1137) from ICC Evaluation Service, Inc. (ICC-ES). This report now certifies the use of G5 in cracked, uncracked and/or all seismic conditions. Building officials, architects, contractors, specifiers, and others utilize evaluation reports to provide a basis for using or approving G5 in construction projects adhering to the 2009 International Building Code.

G5, the same high strength epoxy formulation made in the U.S.A., out performs the competition in outdoor applications with excellent spacing and edge distance data. This adhesive is the most versatile, able to be used for all extreme conditions.

ICC-ES thoroughly examined Red Head's product information, test reports, calculations, quality control methods and other factors to ensure the product is code compliant.

For further information or questions regarding this update, please contact Azam Owaisi, National Marketing Manager.

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | Most Widely Accepted and Trusted |
| ICC-ES Evaluation Report | ESR-1137 |
| | Reissued March 1, 2011 <i>This report is subject to renewal in two years.</i> |
| EVALUATION SUBJECT: | |
| ITW RED HEAD EPCON G5 ADHESIVE ANCHORING SYSTEM FOR CRACKED AND UNCRACKED CONCRETE | |
| 1.0 EVALUATION SCOPE | |
| Compliance with the following codes: | |
| ■ 2009 International Building Code [®] (2009 IBC) | |
| ■ 2009 International Residential Code [®] (2009 IRC) | |
| ■ 2006 International Building Code [®] (2006 IBC) | |
| ■ 2006 International Residential Code [®] (2006 IRC) | |
| ■ 2003 International Building Code [®] (2003 IBC) | |
| ■ 2003 International Residential Code [®] (2003 IRC) | |
| ■ 2000 International Building Code [®] (2000 IBC) | |
| ■ 2000 International Residential Code [®] (2000 IRC) | |
| ■ 1997 Uniform Building Code [™] (UBC) | |
| Property evaluated: | |
| Structural | |
| 2.0 USES | |
| The ITW Red Head EPCON G5 Adhesive Anchoring System is a post-installed adhesive anchorage system used to resist static, wind or earthquake (Seismic Design Categories A through F) tension and shear loads when installed in cracked and uncracked normal-weight concrete having a specified compressive strength, f'_c , of 2500 psi to 8,500 psi (17.2 MPa to 58.6 MPa). The anchoring system | |

###