Ultraviolet Resistance – HighBuild S-200

MEMBRANE RESISTANCE TO DETERIORATION FROM THE EFFECTS OF ULTRAVIOLET RADIATION AS MEASURED BY ACCELERATED WEATHERING

Liquid Rubber HighBuild S-200, along with CreteSafe B-250 and SealRoof B-200, belong to a class of product referred to as elastomer modified bitumen emulsions. The elastomers used are known to be resistant to degradation caused by exposure to ultraviolet radiation. The following test results were obtained following ASTM G-155 protocol by an independent analytical laboratory.

The test procedure involves exposing the product sample to a xenon arc light and moisture intended to reproduce the weathering effects that occur when materials are exposed to sunlight and rain or dew in actual use. The tensile strength of the product sample is measured, using the ASTM D412 test protocol, before and after a 250 hour exposure. A negative change in tensile strength of the product sample is a measure of the deterioration of the film. The pass limit is a tensile strength, after exposure, of 90% of the original value.

Accelerated weathering ASTM G-155

Test	Requirements	Results	Comments
Visual appearance	No deterioration of the film	No deterioration of the film	Passed
Tensile strength - original	measure	618 kPa	
Tensile strength – after weathering	measure	973 kPa	
% of original	Greater than 90%	157	Passed

Results and comments are those of the independent testing laboratory, Bodycote Materials Testing Canada Inc. Products are also marketed and sold under the tradenames, Liquid Rubber Spray Grade, and Drylar. Liquid Rubber Worldwide products are manufactured in Canada by Russlar Manufacturing, other manufacturing entities of the above products include, Lafarge Asphalt Engineering, Lafarge Engineered Coatings and Liquid Rubber Industries Inc.

Tel: + (357) 2558.2203

Liquid Rubber Worldwide
82 Griva Digenis Avenue
Stephanie House
1st floor, Office 101
Limassol, Cyprus 3101