

May 2017

## SOLAR REFLECTANCE INDEX STATEMENT FOR BITUMEN WATERPROOFING MEMBRANES

Dear Sirs,

We hereby inform you that the following bitumen waterproofing membranes manufactured according to *EN 13707 Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics*, as specified in ISO 9001 Quality Management Systems and ISO 14001 Environmental Management System, have a Solar Reflectance Index (SRI) of 35:

GLASDAN 40/GP ERF ELAST BLANCO  
ESTERDAN PLUS 40/GP ELAST BLANCO  
ESTERDAN PLUS 50/GP ELAST BLANCO  
POLYDAN 180-50/GP ELAST BLANCO

The test report nº 24795-3 from TECNALIA evaluates the product ESTERDAN PLUS 50 / GP ELAST which, from the IRS point of view, is the most adverse product. Therefore this value can be applied to the whole GP range products with self-protection of white mineral slates.

ESTERDAN PLUS 50 / GP ELAST is the one with the highest thickness of bitumen (black modified bitumen) which has a negative influence, on both in the solar reflectance as in the solar emitted, to calculate the IRS according to ASTM E 1980-01. The rest of the evaluated product range has a lower thickness so their IRS will always be higher than 35.

Please take in consideration this information for the selection of construction products in order to minimize the effect on microclimates and habitats for people and wildlife due to the reduction of heat islands.

For further information on this matter, please do not hesitate to contact our technical department.

Best regards,



### Derivados Asfálticos Normalizados, S.A.

**Domicilio Social.**  
C/La Granja, 3.  
28108 Alcobendas.  
Madrid, España.  
Tel.: (+34) 916 586 850

info@danosa.com

**Factoría, Oficinas Centrales y Centro Logístico.**  
Polígono Industrial. Sector 9.  
19290 Fontanar.  
Guadalajara, España.  
Tel.: (+34) 949 888 210.  
www.danosa.com

**Danosa France.** Tel.: +33 (0) 141 941 890. E-mail: france@danosa.com  
**Danosa Portugal.** Tel.: (+351) 244 843 110. E-mail: portugal@danosa.com  
**Danosa Maroc.** Tel.: +212 522 221 153. E-mail: maroc@danosa.com  
**Danosa Andina.** Tel.: +57 317 372 9559. E-mail: andina@danosa.com  
**Danosa UK.** Tel.: +44 8450 740 553. E-mail: uk@danosa.com  
**Danosa México.** Tel.: +52 155 356 769 52. E-mail: mexico@danosa.com  
**Tikidan.** Tel.: (+91) 224 1266 666. E-mail: info@tikidan.in