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Corrigendum

Corrigendum to “Evaluation of bio-binder modified asphalt’s adhesion behavior using sessile drop device and atomic force microscopy” [Constr. Build. Mater. 145 (2017) 42–51]



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The authors would like to inform you that the first set of Figs. 7 and 8 are the ones available in the online version and the next set of Figs. 7 and 8 are the updated ones.

Overall, it is displayed in Fig. 7c that addition of bio-binder would increase Pen30 asphalt’s total surface free energy while decrease Pen70 asphalt’s total surface free energy when the dosage is lower than 2%.

It is also shown in Fig. 7b that both Pen30 asphalt’s dispersive surface free energy data and adhesive force data demonstrate “V” type curve. This again verifies that the AFM adhesive force has a close connection with dispersive surface free energy.

DOI of original article: <http://dx.doi.org/10.1016/j.conbuildmat.2017.03.114>

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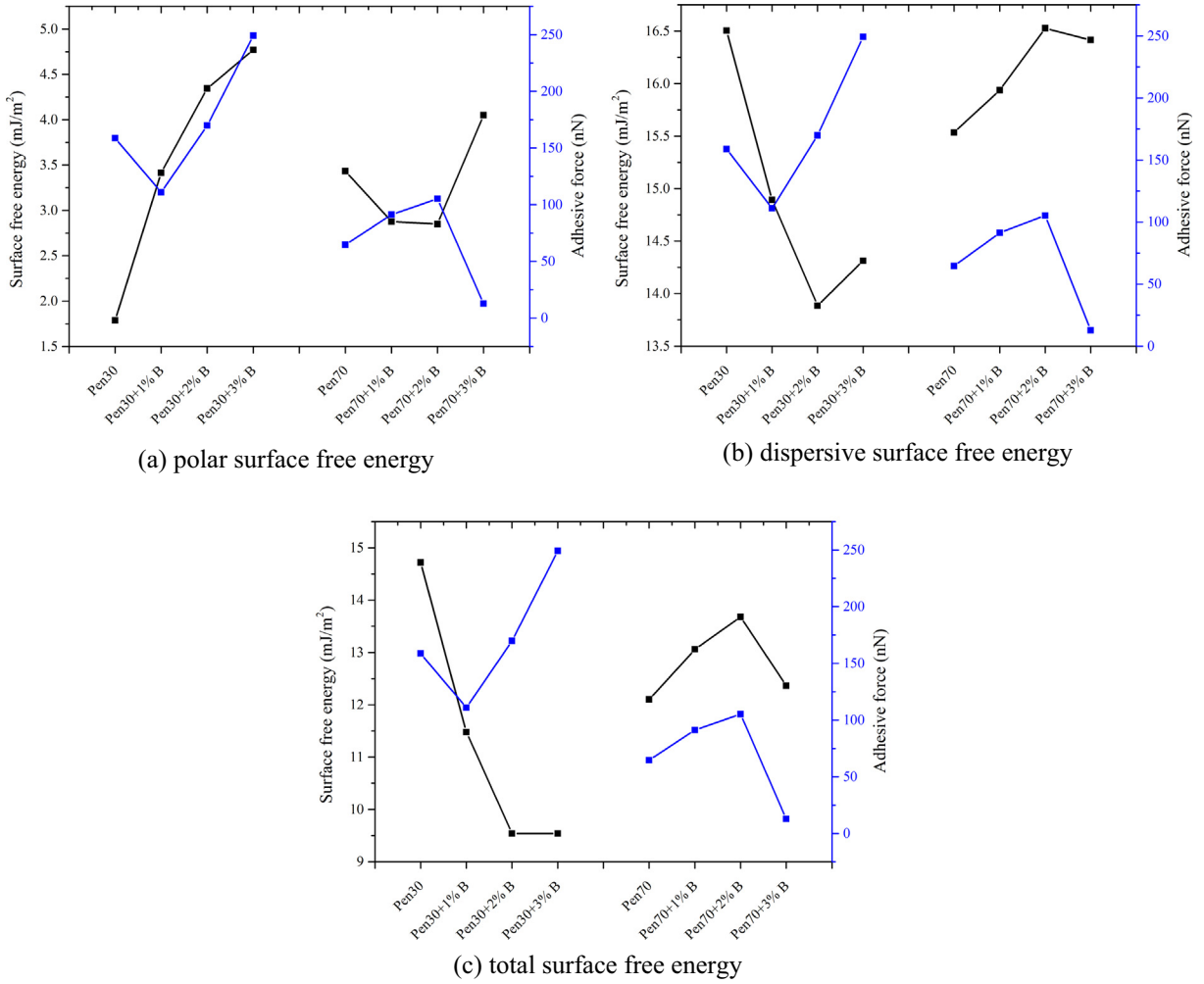


Fig. 7. Surface free energy data and adhesive force obtained by hard tip.

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