

List Of Published Reports and Papers On CoreLok Vacuum Sealing System

- 1- Standard Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method. ASTM D6752-01.
- 2- Standard Test Method for Maximum Specific Gravity and Density of Bituminous Paving Mixtures Using Automatic Vacuum Sealing Method. ASTM D6857-02.
- 3- An evaluation of selected methods for measuring the bulk specific gravity of compacted hot mix asphalt (HMA) mixes, M. Shane Buchanan, AAPT in March 2000.
- 4- Specimen Geometry study for direct tension test based on mechanical tests and air void variation in SGC-compacted asphalt concrete specimens, Ghassan R. Chehab, et. al., TRB 2000.
- 5- Development of rational and practical mix design system for full depth reclamation (FDR), Rajib B. Mallick, et. al.
- 6- Bulk specific gravity of compacted bituminous mixtures: Finding a more widely applicable method, L.K. Crouch.
- 7- Determination of aggregate specific gravity and its effect on HMA mixture performance, John Haddock and Brian Prowell, ASTM December 2000.
- 8- An examination of operator variability for selected methods for measuring bulk specific gravity of hot mix asphalt concrete, Kevin Hall, et. al., TRB 2001.
- 9- Determining Air Void Content of Compacted HMA Mixtures, L.K. Crouch et. al.,
- 10- A Comparison of Fine Aggregate Specific Gravity Results and Variability Using Vacuum Sealing and SSD methods, Kevin Hall.
- 11- Use of Alternative Bulk Gravity Testing Procedure for Estimation of Air Voids and Inter-Connectivity of Air Voids in Dense Graded Hot Mix Asphalt (HMA), Rajib B. Mallick, et. al.
- 12- Comparative Study of CoreLok and Parafilm Bulk Specific Gravity Measurement on Coarse Graded HMA Specimens, M. Karakouzin et. al. University of Nevada Las Vegas.
- 13- Issues Pertaining to the Permeability Characteristics of Coarse Graded Superpave Mixes, L. Allen Cooley Jr. et. al.
- 14- Use of Vacuum Sealing Method for Determination of Dense Graded Hot Mix Asphalt (HMA) Permeability and Voids in Mineral Aggregate (VMA), Rajib B. Mallick.
- 15- Development of New Test Method for Determining Pervious PCC Air Void Content, L.K. Crouch, et. al.

16- CoreLok and SSD Measurement of Air Voids in Hot Mix Asphalt Concrete, R.A. Tarefder, et. al. University of Oklahoma.

17- FHWA pooled fund Study. Bulk Specific Gravity Round-Robin Using the CoreLok Vacuum Sealing Device, L. Allen Cooley, Jr. et. al.,

18- Development of New Test Procedure for Determining Bulk Specific Gravity of Fine Aggregate Using Automated Methods, Nolan V. Baker, Brian D. Prowell and E. Ray Brown,

19- Measuring and Predicting Hydraulic Conductivity (Permeability) of Compacted Asphalt Mixtures in the Laboratory, Kunnawee Kanitpong, Hussain U. Bahia, Craig Benson and Xiaodong Wang.

20- Examination of Gamma-Ray Methods for Measuring Bulk Specific Gravity of Hot-Mix Asphalt Concrete, Kevin D. Hall, Stacy Goad Williams and Frances T. Griffith.

21- Investigation of Factors Influencing Permeability of Superpave Mixes, Mohd Rosli Hainin, Larry Allen Cooley, Brian D. Prowell.

22- An Alternate Method for Determination of Asphalt Content of HMA using CoreLokTM Device, R. A. Tarefder. Final Report ORA: 125-5944, Oklahoma DOT, Planning and Research Division.

23- Bulk Specific Gravity Measurements of 25.0 and 37.5 mm Coarse-Graded Superpave Mixes, Stacy Goad Williams, TRB 2007.