

DAFTAR PUSTAKA

- AASHTO M325-08, 2012. *Standar Spesification for Stone Matrix Asphalt (SMA)*.
- AASHTO R 46-08, 2012. *Standard Practice for Designing Stone Matrix Asphalt (SMA)*.
- AASHTO T 305-14, *Standar Method of Test for Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures*.
- AASHTO T 19M/T 19-14, *Standar Method of Test for Bulk Density (Unit Weight) and Voids in Agregate*.
- Asphalt Institute, 1993. *Mix Design Methods for Asphalt Concrete and Other Mix Type, Manual Series No.2 (MS-2)*, Sixth Edition. Lexington, USA.
- Asphalt Institute, 2001. *Construction of Hotmix Asphalt Pavement, Manual Series No.22 (MS-22)*, Second Edition. Lexington, USA.
- Asphalt Institute, 2014. *Asphalt Mix Design Methods, Manual Series No.2*. Seventh Edition, Kentucky
- Affandi, F., 2014. *Monitoring Aplikasi Teknologi Warm Mix*, Laporan Akhir, Pusat Penelitian dan Pengembangan Jalan dan Jembatan Kementerian Pekerjaan Umum, Bandung.
- Affandi, F., 2015. *Monitoring Aplikasi Teknologi Warm Mix Asphalt*. Laporan Akhir. Pusat Penelitian dan Pengembangan Jalan dan Jembatan Kementerian Pekerjaan Umum, Bandung.
- Baihaqi, A., Setyawan, A., dan Djumari, 2015. *Analisis Indeks Workability pada Daspal (Damar Aspal) Jabung Sebagai Bahan Perekat Perkerasan Jalan*. E-JuranMatriks Teknik Sipil, Vol. 1081-1089.
- Beer, F., Colange, J., Davies, J., and Shivaprasad, P. (2015). *The Shell Bitumen Handbook*, Sixth Edition (page 651). London: ICE Publishing.
- Blazejowski, K., 2011. *Stone Matrix Asphalt Theory and Practice*. CRC Press: Taylor and Francis Group, Boca Raton, London and New York, 2011.
- Brown, E.R, Mallick, R.B., Haddock, J.E., and Bukowski, J., 1997. *Performance of Stone Matrix Asphalt (SMA) Mixture in the United States*. NCAT Report No. 97-1, National Centre For Asphalt Technology, Auburn University.
- Cabrera, J.G. and Dixon, J.R, (1994). *Performance and Durability of Bituminous Material*. Leeds, UK: E and FN Spon.
- Direktorat Jenderal Bina Marga, 2014. *Spesifikasi Umum Dalam: Edisi 2010 Revisi (3)*. Jakarta: Kementerian Pekerjaan Umum.

- European Asphalt Pavement Association (EAPA), 1998. *Heavy Duty Surfaces: The arguments for SMA*. Breukelen, Netherlands.
- European Asphalt Pavement Association, 2014. *The use of Warm Mix Asphalt*. Belgium: European Asphalt Pavement Association (EAPA).
- Hadisi, H., 2014. *Perancangan Laboratorium Campuran Beraspal Hangat dengan Zat Tambah Berbasis Parafin*. Tesis tidak dipublikasikan. Magister Teknologi Bahan Bangunan, UGM, Yogyakarta.
- Hauguel, S., 2013. *Asphalt Professional*. Irish Branch Report Journal Of The Institute of Asphalt Technology, No. 58. p. 14.
- Hunter, R.,N., Self, A., and Read, J. 2015. *The Shell Bitumen Handbook*, Sixth edition, Shell International Petroleum Co. Ltd, London.
- Iskender, E., 2013. *Rutting evaluation of stone mastic asphalt for basalt and basalt–limestone aggregate combinations*, Jurnal Composites Part B 54, Karadeniz Technical University, Faculty of Technology, Civil Engineering Department, 61830 Trabzon, Turkey. pp. 255-264.
- Kusnianti, N., dan Affandi, F., 2013. *Pengaruh Jenis Aspal pada Temperatur Pemadatan Berkaitan dengan Workability dari Campuran Beraspal Panas*. Jurnal Jalan-Jembatan, Vol. 30 No. 2, Agustus 2013 hal. 97-111.
- Lake, A., G, Djakfar, L., Zaika, Y., 2010. *Kinerja Campuran Split Mastic Asphalt Dengan Beberapa Material Dari Kalimantan*, Jurnal Rekayasa Sipil Vol. 4 No. 3, Jurusan Teknik Sipil, Fakultas Teknik, Universitas Brawijaya Malang.
- NAPA (National Asphalt Pavement Asphalt), 2001. *HMA Pavement Mix Type Selection Guide*. U. S. Departemen of Transportation. Federal Higway Administration.
- NAPA (National Asphalt Pavement Asphalt), 2002. *Designing and Construction SMA Mixtures–State of The Practice*. Quality Improvement Series 122. Maryland.
- National Cooperative Highway Research Program, 2011. *NCHRP Report 691 Mix Design Practices for Warm Mix Asphalt*. Transportations Research Board. Washington DC, USA.
- Pangaraya, D.K. (2015), *Laboratorium Study of Asphalt Starbit E-55 Polymer Modified Application on Asphalt Concrete Wearing Course (AC-WC)*. Journal of The Civil Engineering Forum. Gadjah Mada University, Yogyakarta. Vol. 1 No. 3.
- Perwitasari, K., 2013. *Perancangan Laboratorium Campuran Split Mastic Asphalt Dengan Menggunakan Buton Natural Asphalt Blend 75:25*. Tesis tidak dipublikasikan. Magister Sistem dan Teknik Transportasi, UGM, Yogyakarta.

- PT. Jaya Trade Indonesia, 2016. <https://www.slideshare.net>. [Online] Available at: https://www.slideshare.net/uta_editya/booklet-659582815 [Diakses 2 Oktober 2017 (22:07)].
- Qiu, Y., F and Lum, K., M., 2006. *Design and Performance of Stone Mastic Asphalt*. Journal of Transportation Engineering©ASCE, 132(12): 956-963.
- Radetyo, R., 2016. *Kajian Implementasi Laboratorium Terhadap SNI 8129:2015 Tentang Spesifikasi Stone Matrix Asphalt (SMA) Menggunakan Asphalt Penetrasi 60/70*. Tesis tidak dipublikasikan. Magister Sistem dan Teknik Transportasi, UGM, Yogyakarta.
- Ranka, A., 2012. *Evaluation of Hot Mix Asphalt Warm Mix Asphalt Additive–Zycotherm*. Zydex Industries. India.
- Rohith, N., and Ranjitha, J., 2013. *A Study on Marshall Stability Properties of Warm Mix Asphalt Using Zycotherm A Chemical Additive*, International Journal of Engineering Research (IJERT), Vol. 2, pp.808-813.
- RSNI M-06-2004 tentang Cara Uji Campuran Beraspal Panas dengan alat Marshall.
- SNI 8129:2015 tentang Spesifikasi Stone Matrix Asphalt (SMA).
- Setiawan, A., Suparma, L. B., dan Mulyono, A. T., 2016. *The Effect Aggregate Gradation on Workability of Asphalt Concrete*. International Journal of Engineering and Technology (IJET), 8 (NO. 4), pp. 1750-1757.
- Sharanappanavar, M., S., 2016. *Study on Behavior of Warm Mix Asphalt Using Zycotherm*, International Journal of Science and Research (IJSR), Vol.5.
- Siswosoebrotho, B., I., Ginting, K, and Soedirjo, T., L, 2005. *Workability and Resilient Modulus of Asphalt Concrete Mixtures Containing Flaky Aggregates Shape*, Journal of The Eastern Asia Society for Transportation Studies, Vol. 6, pp. 1302-1312.
- Suaryana, N., 2012. *Kajian Material Stone Matrix Asphalt Asbuton Berdasarkan Kriteria Deformasi Permanen*. Pusat Litbang Jalan dan Jembatan, Bandung.
- Suaryana, N., 2015. *Evaluasi Stabilitas Dinamis dan Flow Number sebagai Parameter Ketahanan Campuran Beraspal Terhadap Deformasi Permanen*. Pusat Litbang Jalan dan Jembatan, Bandung.
- Suparma, L.B., 2002. Bahan kuliah: Bahan Perkerasan. Magister Sistem dan Teknik Transportasi, Universitas Gadjah Mada.
- Suparma, L.B., 2001. *The Use of Recycled Waste Plastics in Bituminous Composites*. Phd Thesis. The University of Leeds.
- Suparyanto, 2008. *Pengaruh Penggunaan Aspal Pertamina AC 60/70 dan Aspal Shell AC 60/70 Terhadap Deformasi Permanen Campuran Beton Aspal (Spesifikasi Bina Marga 2007) Dikaitkan Dengan Temperatur Pematatan Menggunakan Alat Uji Wheel Tracking Machine (WTM)*. Yogyakarta: Magister Sistem dan Teknik Transportasi, Universitas Gadjah Mada.

Whiteoak, D., 1990. *The Shell Bitumen Handbook*, First Edition, Shell International Petroleum Co. Ltd, London.

Zaumanis, M., 2010. *Warm Mix Asphalt Investigation*. Technical University of Denmark: Technical University of Denmark Departement of Civil Engineering.

Zaumanis, M., and Smirnovs, J., 2011. *Analysis of Possibilities for Use of Warm Mix Asphalt in Latvia*. 3rd International Conference CIVIL ENGINEERING 11 Proceedings I BBUILDING MATERIALS, Volume 1, pp. 57-64.

Zydex, 2012. Laboratory Test Protocol Zycotherm (Mixing Protocol).

Zydex, 2013. Material Safety Data Sheet, India: Zydex Industries.

Zydex, 2013. Zycotherm 3C Nanotechnology, India: Zydex Industries.

Zydex, 2013. Zydex Presentation, India: Zydex Industries