

DAFTAR PUSTAKA

- Ali, Mohammed H., Amjad H. Khalil, dan Yu Wang. 2023. "Experimental Study of the Effect of Tack Coats on Interlayer Bond Strength of Pavement." *Sustainability (Switzerland)* 15(8). doi: 10.3390/su15086600.
- Al-Qadi, Imad L., Samuel H. Carpenter, Zhen Leng, Hasan Ozer, dan James S. Trepanier. 2008. "Tack Coat Optimization for HMA Overlays: Laboratory Testing Prepared By Tack Coat Optimization for HMA Overlays Illinois Center for Transportation."
- Asphalt Institute. 2009. *A Basic Asphalt Emulsion Manual*. Lexington.
- ASTM. 2004. "ASTM D8-02: Standard Terminology Relating to Materials for Roads and Pavements." *Annual Book of ASTM Standards* Vol. 04.03.
- Ayasrah, Usama B., Laith Tashman, Aslam AlOmari, dan Ibrahim Asi. 2023. "Development of a temperature prediction model for flexible pavement structures." *Case Studies in Construction Materials* 18. doi: 10.1016/j.cscm.2022.e01697.
- Bahia, Hussain, Abu Sufian, Daniel Swiertz, Bitumix Solutions, Louay Mohammad, dan Moses Akentuna. 2019. *Investigation of Tack Coat Materials Tracking Performance*.
- Bina Marga. 2009. *Perencanaan dan Pelaksanaan perkuatan tanah dengan geosintetik*. Jakarta.
- Bina Marga. 2018. *SPESIFIKASI UMUM 2018*.
- Correia, N. S., dan A. N. Mugayar. 2021. "Effect of binder rates and geogrid characteristics on the shear bond strength of reinforced asphalt interfaces." *Construction and Building Materials* 269. doi: 10.1016/j.conbuildmat.2020.121292.
- Fadhilah, Rezki. 2022. "Analisis Kuat Geser Antara Lapisan AC-WC dan AC-BC Terhadap Pengaruh Curing Time dan Takaran Tack Coat Tipe CRS-1P dan CRS-1." *Tesis*.
- Fan, Jin, Minghui Gong, Lei Jiang, Jinliang Cheng, Sheng Li, Zhaonan Li, Xiaoqing Zhu, dan Jinxiang Hong. 2024. "Interlayer failure characteristics of semi-flexible composite pavement structures (SFCPS) at high temperatures." *Construction and Building Materials* 441. doi: 10.1016/j.conbuildmat.2024.137563.
- Federal Highway Administration. 2016. *Tack Coat Best Practices*.
- Geosynthetic Materials Association. 2009. *Geosynthetics Handbook*.
- H. Huang, Yang. 2004. *Pavement Analysis and Design*. Second Edition. disunting oleh M. Horton dan L. Fischer. Kentucky: Pearson Education, Inc.
- Horonjeff, R., F. X. McKelvey, dan W. J. Sproule. 2010. *Planning and Design of Airports*. Edisi Kelima. Mc Graw Hill.
- Huber, Gerald A. 1994. *Weather Database for the SUPERPAVE TM Mix Design System*.
- Jayalath, Chamara, Chaminda Gallage, Kasun Wimalasena, Jeffrey Lee, dan Jothi Ramanujam. 2021. "Performance of composite geogrid reinforced unpaved pavements under cyclic loading." *Construction and Building Materials* 304. doi: 10.1016/j.conbuildmat.2021.124570.
- Kementrian Pekerjaan Umum. 2013. *Pedoman Perencanaan Tebal Perkerasan Lentur*.

- Kumar, V. Vinay, Sireesh Saride, dan Pranav R. T. Peddinti. 2017. "Interfacial Shear Properties of Geosynthetic Interlayered Asphalt Overlays." *Geotechnical Frontiers*.
- L. Roberts, Freddy, Prithvi S. Kandhal, E. Ray Brown, Dah-Yinn Lee, dan Thomas W. Kennedy. 1996. *Hot Mix Asphalt Materials, Mixture Design, And Constructuin*. Second Edition. Maryland: National Asphalt Pavement Association Reaserch and Education Foundation.
- Li, Sheng, You Huang, dan Zhao Hui Liu. 2016. "Experimental evaluation of asphalt material for interlayer in rigid-flexible composite pavement." *Construction and Building Materials* 102:699–705. doi: 10.1016/j.conbuildmat.2015.10.122.
- Mohammad, Louay N., Mostafa A. Elseifi, Ramendra Das, dan Wei Cao. 2018. "Validation of the Louisiana Interlayer Shear Strength Test for Tack Coat." *National Academics*. doi: 10.17226/25458.
- Montestruque, G., M. Fritzen L. Bernucci, dan L. G. da Motta. 2012. *Stress Relief Asphalt Layer and Reinforcing Polye- ster Grid as Anti-Reflective Cracking Composite Interlayer System in Pavement Rehabilitation*. Vol. 4. Dordrecht.
- Müller, Werner W., dan Fokke Saathoff. 2015. "Geosynthetics in geoenvironmental engineering." *Science and Technology of Advanced Materials* 16(3). doi: 10.1088/1468-6996/16/3/034605.
- Papagiannakis, A. T., E. A. P. E. Masad, dan John Wiley. 2008. *Pavement Design and Materials*.
- Pasetto, M., E. Pasquini, G. Giacomello, dan A. Baliello. 2019. "Innovative composite materials as reinforcing interlayer systems for asphalt pavements: an experimental study." *Road Materials and Pavement Design* 20(sup2):S617–31. doi: 10.1080/14680629.2019.1628438.
- Ragni, Davide, Francesco Canestrari, Fatima Allou, Christophe Petit, dan Anne Millien. 2020. "Shear-torque fatigue performance of geogrid-reinforced asphalt interlayers." *Sustainability (Switzerland)* 12(11). doi: 10.3390/su12114381.
- Ragni, Davide, Gilda Ferrotti, Christophe Petit, dan Francesco Canestrari. 2020. "Analysis of shear-torque fatigue test for bituminous pavement interlayers." *Construction and Building Materials* 254. doi: 10.1016/j.conbuildmat.2020.119309.
- Rahman, Ali, Changfa Ai, Chunfu Xin, Xiaowei Gao, dan Yang Lu. 2017. "State-of-the-art review of interface bond testing devices for pavement layers: toward the standardization procedure." *Journal of Adhesion Science and Technology* 31(2):109–26.
- Recasens, Rodrigo Miró, Adriana Martínez, dan Félix Pérez Jiménez. 1970. *Evaluation of Effect of Heat-Adhesive Emulsions for Tack Coats with Shear Test From the Road Research Laboratory of Barcelona*.
- Saba, Rabbira, Wenche Hovin, dan Torbjorn Jorgensen. 2016. "An investigation into the effects of tack coat application rate on interlayer shear bond strength." dalam *Proceedings of 6th Eurasphalt & Eurobitume Congress*. Czech Technical University in Prague.
- Sarroukh, Mouncif, Khaled Lahlou, Mounia Farah, dan Mohamed Kebir. 2024. "Effect of global warming and new equivalent temperature zoning maps for asphalt pavement design in Morocco." *Energy and Buildings* 303. doi: 10.1016/j.enbuild.2023.113820.



- Sharbat, Mohammad Reza, dan Nader Ghafoori. 2021. "Laboratory evaluation of geogrid-reinforced flexible pavements." *Transportation Engineering* 4:100070. doi: 10.1016/J.TRENG.2021.100070.
- Solatiyan, Ehsan, Nicolas Bueche, dan Alan Carter. 2021. "Laboratory evaluation of interfacial mechanical properties in geogrid-reinforced bituminous layers." *Geotextiles and Geomembranes* 49(4):895–909. doi: 10.1016/j.geotexmem.2020.12.014.
- Sudarsanan, Nithin, Benjamin Robert Fonte, dan Youngsoo Richard Kim. 2020. "Application of time-temperature superposition principle to pull-off tensile strength of asphalt tack coats." *Construction and Building Materials* 262:120798. doi: 10.1016/j.conbuildmat.2020.120798.
- Sudarsanan, Nithin, Rajagopal Karpurapu, dan Veeraragavan Amrithalingam. 2018. "An investigation on the interface bond strength of geosynthetic-reinforced asphalt concrete using Leutner shear test." *Construction and Building Materials* 186:423–37. doi: 10.1016/j.conbuildmat.2018.07.010.
- Sukirman, Silvia. 2016. *Beton Aspal Campuran Panas*. Edisi Ketiga. Bandung: Institut Teknologi Nasional, Bandung.
- Walubita, Lubinda F., Tito P. Nyamuhokya, Julius J. Komba, Hossain Ahmed Tanvir, Mena I. Souliman, dan Bhaven Naik. 2018. "Comparative assessment of the interlayer shear-bond strength of geogrid reinforcements in hot-mix asphalt." *Construction and Building Materials* 191:726–35. doi: 10.1016/j.conbuildmat.2018.10.035.
- Wang, Jiayu, Feipeng Xiao, Zheng Chen, Xinghai Li, dan Serji Amirkhanian. 2017. "Application of tack coat in pavement engineering." *Construction and Building Materials* 152:856–71.
- Yadav, D. K. 2022. "A New Approach in Design of a Pavement Reinforced by A Geosynthetic Layer in Severely Stressed Area of the Airport Pavement to Accommodate Stresses Imposed by Aircraft Landing and Ground Movements." *Journal of Transportation Technologies* 12(3):346–56.
- Yang, Kai, Rui Li, Yi Yu, Jianzhong Pei, dan Tao Liu. 2020. "Evaluation of interlayer stability in asphalt pavements based on shear fatigue property." *Construction and Building Materials* 258:119628. doi: 10.1016/j.conbuildmat.2020.119628.
- Zaniewski, Jhon P., Seth F. Knihtila, dan Hadi N. Rashidi. 2015. "Evaluation of The Bond Strength of Asphalt Overlays." *Airfield and Highway Pavements* 179–90.
- Zornberg, Jorge G. 2017. "Functions and Applications of Geosynthetics in Roadways." Hlm. 298–306 dalam *Procedia Engineering*. Vol. 189. Elsevier Ltd.