UNIVERSITAS
GADJAH MADA
**Pengaruh Mortar Bligon Terhadap Kuat Tekan dan Kuat Geser Pasangan Dinding**
Audrey Issaura Oeloendeda, Agus Nugroho., S.T., M.T.
**Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/**

# DAFTAR PUSTAKA

Amer M. Ibrahim & Wissam D. Salman. (2015). Behavior and Strength of Bearing Wall Strengthening by CFRP. *International Journal of Engineering Research & Technology (IJERT)*, *4*(6).

Anwari, O. A., Wisnumurti, & Zacoeb, A. (2022). *Pengaruh Tebal Siar terhadap Deformasi dan Design Capacity dari Model Dinding Batu Bata dengan Metode Elemen Hingga*.

Aziz, F. (2023). *PENGARUH PENGGUNAAN LIMBAH BATA MERAH DAN KAPUR SEBAGAI BAHAN PENGIKAT PENGGANTI SEBAGIAN SEMEN TERHADAP SIFAT MEKANIK MORTAR*.

Celano, T., Argiento, L. U., Ceroni, F., & Casapulla, C. (2021). Literature Review of the In-Plane Behavior of Masonry Walls: Theoretical vs. Experimental Results. *Materials*, *14*(11), 3063. https://doi.org/10.3390/ma14113063

Cui, L., Hu, G., Pan, J., Zhang, X., Wang, L., Wang, H., & Mapulanga, L. (2024). Enhancement mechanical performance of brick powder-cement mortar with bio-inspired material. *Construction and Building Materials*, *432*, 136397. https://doi.org/10.1016/j.conbuildmat.2024.136397

Handinoto. (2012). *Arsitektur dan Kota-Kota di Jawa pada Masa Kolonial* (1 ed.). Graha Ilmu.

Jadhav, S., Awaradi, G., & Yeri, S. (2021). *Influence of Strength of Mortar and Thickness of Mortar Joint on Burnt Brick Masonry Prism*. *31*(1).

Kridautama, A. R., Pramudya, A. A., Purwanti, H., Cholida, N. F. F. C., & Widiatmoko, K. W. (2024). *Investigasi Struktur Bangunan Cagar Budaya di Kota Semarang*. *1*.

Lasino, L., Setiati, N. R., & Cahyadi, D. (2018). *KARAKTERISTIK BETON DENGAN MENGGUNAKAN BERBAGAI JENIS SEMEN*. *34*.

Mann, W., & Mueller, H. (1982). *FAILURE OF SHEAR-STRESSED MASONRY: AN ENLARGED THEORY, TESTS AND APPLICATION TO SHEAR WALLS*.

UNIVERSITAS
GADJAH MADA
**Pengaruh Mortar Bligon Terhadap Kuat Tekan dan Kuat Geser Pasangan Dinding**
Audrey Issaura Oeloendeda, Agus Nugroho., S.T., M.T.
**Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/**

Maruyama, I. (2025). Formation Mechanism and Resulting Physical Properties of Colloidal Calcium Silicate Hydrates. *Langmuir*, *41*(42), 28259–28267. https://doi.org/10.1021/acs.langmuir.5c02563

Medika, Y. P., Elhusna, & Wahyuni, A. S. (2018). Pengaruh Proses Pengdaukan Tanah Liat Terhadap Kuat Tekan Bata Merah. *Jurnal Inersia*, *10*.

Nurlina, S., Hidayat, T., Suseno, H., & Kharisma, M. E. (2015). *Pengaruh Penggunaan Limbah Batu Bata Sebagai Semen Merah Terhadap Kuat Tekan Dan Kuat Tarik Mortar*. *8*.

Panennungi, T., & Bakhrani A., R. (2022). *Analysis of Brick Compressive Strength and Water Absorption Based on Various Furnace Duration*.

Pfeifer, G., Ramcke, R., & Achtziger, J. (2001). *Masonry Construction Manual*.

Priswanto, H., Marzuki, I. W., Chawari, M., Tjahjono, B. D., Deswijaya, R. A., & Ardiati, A. (2023). Pesanggrahan Krapyak Giriwoyo: Identifikasi Kerusakan dan Strategi Penanganannya. *Berkala Arkeologi*, *43*(1), 39–64. https://doi.org/10.55981/jba.2023.699

Puruhita, H. W., Raharjo, E. P., Prihatanto, R., Malaiholo, D., & Kurniawan, M. A. (2025). Komposisi Dan Karakteristik Bata Merah Heritage. *Jurnal Teknik Sipil*, *32*(1), 35–42. https://doi.org/10.5614/jts.2025.32.1.5

Setiawan, B. (1997). *ENSIKLOPEDI Nasional Indonesia* (3 ed.).

Setyanto, Iswan, & Rahmad, H. D. (2015). Studi Kekuatan Batu Bata Pasca Pembakaran Dengan Menggunakan Bahan Additive Serbuk Gergaji Kayu. *Jurnal Rekayasa*, *19*.

Shrestha, A., Sharma, A., Chalise, A., Chalise, A., Aoki, T., & Shrestha, K. C. (2026). In-Plane Shear Strength Characteristics of Masonry Walls with Varying Mortar Types and Aspect Ratios: An Experimental and Numerical Study. *Journal of Structural Design and Construction Practice*, *31*(2), 04026011. https://doi.org/10.1061/JSDCCC.SCENG-1954

UNIVERSITAS
GADJAH MADA
**Pengaruh Mortar Bligon Terhadap Kuat Tekan dan Kuat Geser Pasangan Dinding**
Audrey Issaura Oeloendeda, Agus Nugroho., S.T., M.T.
**Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/**

Sinaga, W. S., Partogian, R. H., Wisnumurti, & Zacoeb, A. (2016). *PENGARUH DIMENSI UKURAN BATU BATA MERAH DAN CAMPURAN MORTAR TERHADAP KARAKTERISTIK MEKANIK PASANGAN DINDING*.

Wild, S., Khatib, J. M., & O'Farrell, M. (1997). Sulphate resistance of mortar, containing ground brick clay calcined at different temperatures. *Cement and Concrete Research*, *27*(5), 697–709. https://doi.org/10.1016/S0008-8846(97)00059-8

Wismantoro, B. D., & Teguh, M. (2024). *Uji Kualitas Plesteran, Batu Bata dan Identifikasi Perbaikan Dinding pada Bangunan Bersejarah di Yogyakarta*. *2*.

Yadav, S. K., & Kumar, M. (2025). *INFLUENCE OF MORTAR TYPE AND JOINT THICKNESS ON THE MECHANICAL PROPERTIES OF CLAY BRICK MASONRY*.

Zahra, T., & Dhanasekar, M. (2016a). A generalised damage model for masonry under compression. *International Journal of Damage Mechanics*, *25*(5), 629–660. https://doi.org/10.1177/1056789516656745

Zahra, T., & Dhanasekar, M. (2016b). Prediction of masonry compressive behaviour using a damage mechanics inspired modelling method. *Construction and Building Materials*, *109*, 128–138. https://doi.org/10.1016/j.conbuildmat.2016.01.048

Zengin, B., Toydemir, B., & Koçak, A. (2020a). The effect of material type and joint thickness on wall behavior in conventional masonry walls. *Canadian Journal of Civil Engineering*, *47*(6), 729–735. https://doi.org/10.1139/cjce-2018-0426

Zengin, B., Toydemir, B., & Koçak, A. (2020b). The effect of material type and joint thickness on wall behavior in conventional masonry walls. *Canadian Journal of Civil Engineering*, *47*(6), 729–735. https://doi.org/10.1139/cjce-2018-0426