

Scientific and professional books

2025

RunkoRYL 2025. 2025. **General quality requirements for construction works.** Building framework. Building Information Ltd, 2025, e-publication 1 April 2025. (in Finnish)

2023

RIL 225-2023. 2023. **Calculation of thermal transmittance values for envelope structures.** Authors: Erävuoma, A., Kilpeläinen, T., Käkelä, P., Kunnas, T., Ojanen, T., Souto, A., Typpö, P., Vinha, J. & Virrantuomi, T. Finnish Association of Civil Engineers, 158 p.

2022

RIL 107-2022. 2022. **Buildings' water and damp proofing guidelines.** Authors: Laamanen, P., Heimonen, I., Mutanen, T., Rajala, L., Souto, A., Turunen, T. & Vinha, J. Finnish Association of Civil Engineers, 233 p. (in Finnish)

2020

RIL 250-2020. 2020. **Moisture control and prevention of mould damages.** Authors: Åström, G., Nousiainen, A., Malmberg, J. Valjus, J., Vinha, J., Reinikainen, E., Laine K., Mannonen, P., Viitanen, H. & Metiäinen, P. Finnish Association of Civil Engineers RIL, 332 p. (in Finnish)

2014

RIL 255-1-2014. 2014. **Building Physics Manual, Part 1: Structural Planning and Research.** Writers: Vinha, J., Heljo, J., Lähdesmäki, K., Pentti, M., Suonketo, J., Ahola, P., Harjunalanen, T., Hemmilä, K., Huttunen, P., Jokisalo, J., Kaartinen, M., Kalema, T., Laamanen, P., Laine, K., Laukkarinen, A., Laurila, P., Lindberg, P., Lund, M., Manelius, E., Mills, C., Mäkitalo, M., Ojanen, M., Paavilainen, J., Panschin, B., Poutiainen, J., Raad, H., Ronkainen, M., Ruuska, T., Silvennoinen, P., Sundman, T. L., Tetri, E., Tuominen, E., Viitanen, H., Wirtanen, L. & Åström, G. Finnish Association of Civil Engineers, 500 p. (in Finnish)



2012

Heat, air and moisture transfer terminology – Parameters and concepts. 2012. de Freitas, V., Barreira, E. (eds.). Authors: Radu, A., Barreira, E., Saber, H., Hens, H., Vinha, J., Vasilache, M., Bomberg, M., Koronthalyova, O., Matiasovsky, P., Becker, R., Kalamees, T., de Freitas, V. & Maref, W. CIB Publication 369, CIB W040, Heat and moisture Transfer in Buildings. International Council for Research and Innovation in Building and Construction, 45 p.

RIL 107-2012. 2012. **Buildings' water and damp proofing guidelines.** Authors: Laamanen, P., Heimala, A., Heimonen, I., Järvinen, P., Vinha, J. & Åström, G. Finnish Association of Civil Engineers, 219 p. (in Finnish)

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