



February 18, 2021

Subject: Hilti HIT-HY 270 in Multi Wythe Solid Brick Walls at Low Temperature

This is to inform that, after successful completion of an extensive internal test program, applications involving the use of the Hilti HIT-HY 270 in multi-wythe solid brick walls at temperatures between 23°F (-5 °C) and 40°F (+4°C) are now allowed.

For installations in multi-wythe brick walls consisting of ASTM C62 Type SW and Type MW solid bricks at temperatures between 23°F (-5 °C) and 40°F (+4°C), a tension load reduction factor equal to 0.75 shall be applied to the currently published allowable loads for all diameters and embedment depths.

The following work and cure time apply:

[°F]	[°C]	t _{work}	t _{cure}
23 ... 32	-5 ... 0	10 min	6 h
33 ... 41	1 ... 5	10 min	4 h

All other conditions/limitations for multi-wythe solid brick wall applications remain unchanged.

Please feel free to contact our Engineering Technical Services department for more information or any questions.

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