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**WALLTITE<sup>®</sup> MD**

# Plan To Use Purple



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## Versatile, Long-Lasting WALLTITE® Enhances the Building Envelope

WALLTITE is a medium density, closed cell, polyurethane foam insulation/air barrier system designed to improve the energy efficiency of any type of building. WALLTITE has been evaluated by the Canadian Construction Materials Centre (CCMC) as both a spray polyurethane foam thermal insulation conforming to CAN/ULC S705.1 and as an air barrier system complying with the current National Building Code of Canada. Adhering to virtually any surface, WALLTITE provides a gap-free, durable, air-tight envelope even under extreme climatic conditions, and does not support fungal growth\*. WALLTITE has attained ECOLOGO and GREENGUARD Gold certifications.

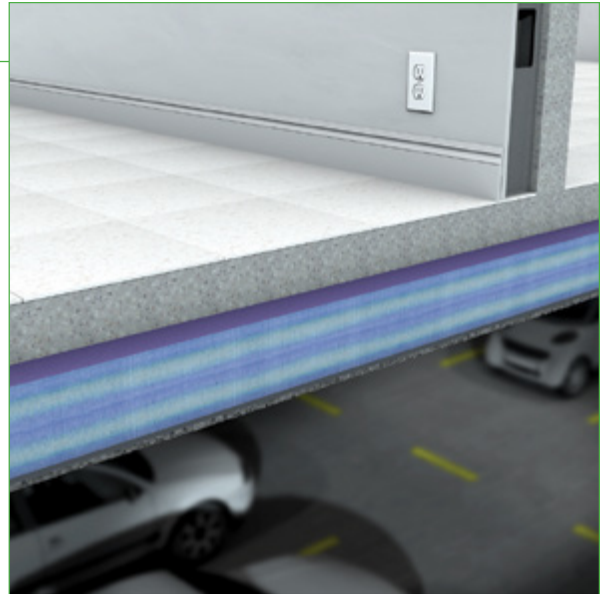


\* when tested to ASTM 1338-96  
Product certified for reduced environmental impact. View specific attributes evaluated: [ul.com/el](http://ul.com/el) CCD-016

## Overhead

For use in cantilevered slabs, soffits, and parking garage ceilings, the WALLTITE® insulation/air barrier properties provide a high R-value/inch in small spaces compared to traditional alternatives. Additional benefits of WALLTITE are:

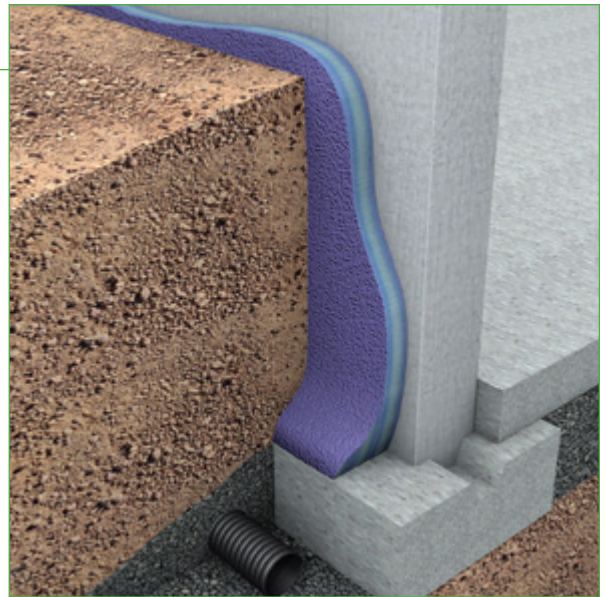
- Reduces “cold” floor issues
- Provides ease of application for awkward overhead areas
- Will not sag over time
- Strongly adheres and conforms to typical construction substrates (rough and smooth surfaces)



## Below Grade Exterior

When used as continuous insulation on the foundation wall, WALLTITE provides these additional benefits:

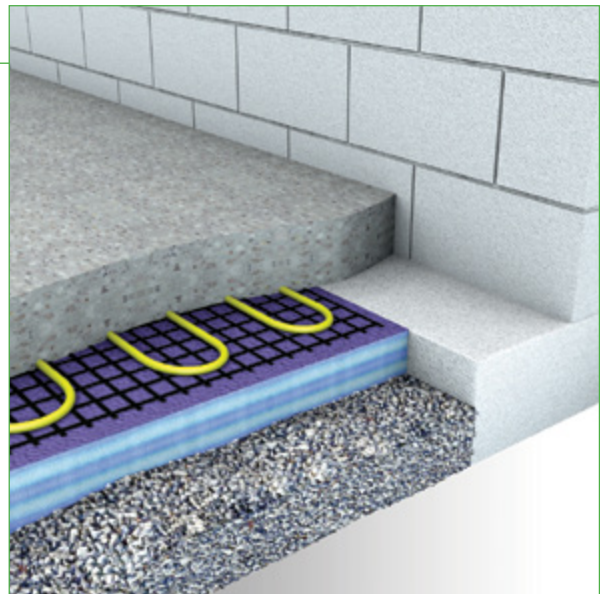
- Increases occupancy comfort by reducing interior temperature variations
- Reduces the potential for condensation on surfaces in the basement



## Under Slab

WALLTITE can simplify the addition of an under slab heating system: Simply spray directly onto the gravel, install hydronic system, and then pour the concrete. Besides its ease of application, WALLTITE also provides the following benefits:

- Helps level the surface
- Delivers high compression strength
- Provides a durable, walkable surface for pouring concrete



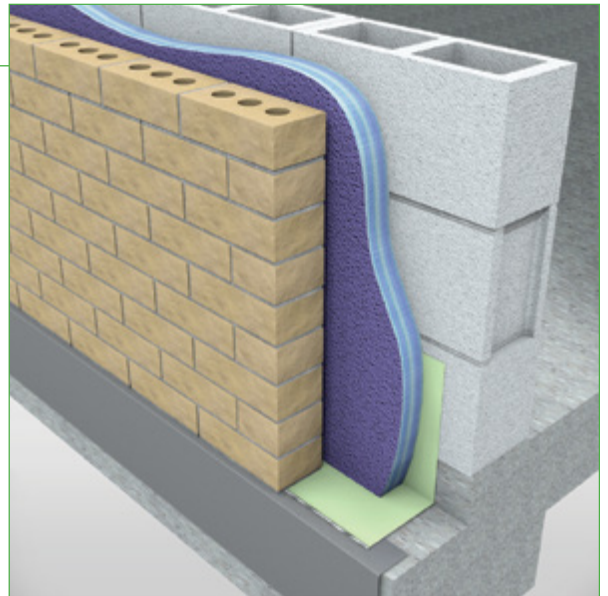
These drawings are for illustrative purposes only. BASF Canada Inc. makes no warranty, representation or condition, either express or implied, with respect to the compliance of the drawings with any building codes, regulations, standards or by-laws. The recipient of this information assumes full responsibility for ensuring compliance with all relevant building codes, regulations, standards or by-laws when using the products depicted herein.

## Cavity Wall

Besides insulating, WALLTITE® also simplifies the process by being an air and vapour barrier.

WALLTITE also offers these additional benefits:

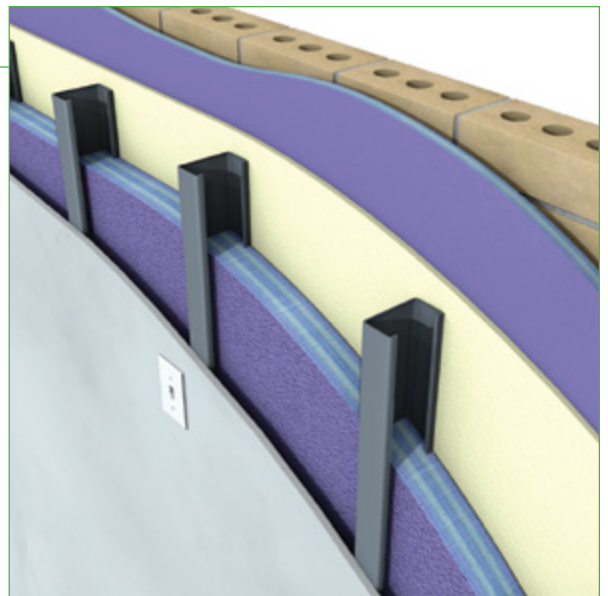
- Offers high R-value/inch
- Creates a secondary drainage plane
- Can be installed and left without covering up to 6 months
- Strongly adheres and conforms to typical construction substrates (rough and smooth surfaces)
- No loss in thermal performance due to convective air movement (air going through or around)



## Interior/Exterior

The WALLTITE features allow it to be an exterior insulating sheathing and/or interior insulation. As an insulation/air barrier material and/or system, WALLTITE allows for space efficiency due to its high R-value/inch. Other benefits of WALLTITE include:

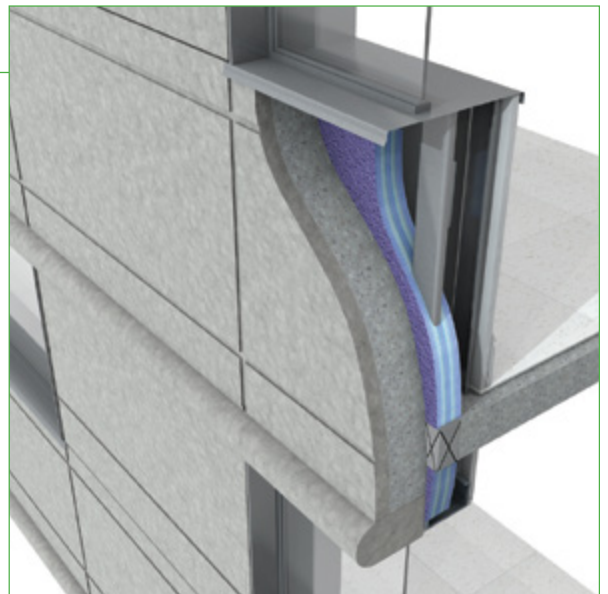
- Offers increased racking strength
- Creates a secondary drainage plane
- Delivers continuous insulation (behind the studs)
- Can be installed and left without covering up to 6 months
- Strongly adheres and conforms to typical construction substrates (rough and smooth surfaces)
- No loss in thermal performance due to convective air movement (air going through or around)



## Interior

WALLTITE can be applied to the interior of pre-cast and spandrel panels or solid masonry to improve thermal performance. As a continuous insulation layer, WALLTITE provides a thermal break, reducing the potential of condensation. Other benefits of WALLTITE are:

- Offers high R-value/inch saving valuable floor space
- Strongly adheres and conforms to typical construction substrates (rough and smooth surfaces)
- No loss in thermal performance due to convective air movement (air going through or around)



## **Simplified Installation**

The multi-functionality of WALLTITE®, depending on the application, allows for it to be used as a thermal insulation, air barrier, vapour barrier, weather-resistant barrier, and for soil gas control.

## **Improved Energy Efficiency**

WALLTITE creates maximum insulating performance at minimal thickness; saving valuable floor space. WALLTITE combines superior thermal insulation performance with an industry-leading air leakage rating. As a spray-applied, seamless system requiring no fasteners, WALLTITE reduces the effects due to thermal bridging and convection looping. By maximizing the performance of the building envelope, WALLTITE allows HVAC systems to operate more efficiently. In many cases, mechanical equipment can be downsized at the design phase of the project.

## **Durability**

WALLTITE has the ability to last the life of the building and withstand positive and negative wind pressures without being dislodged. By virtually eliminating uncontrolled air leakage, the WALLTITE insulating air barrier system helps manage moisture movement, which reduces the risk of condensation, mould, ice damming, spalling, and premature deterioration of building materials.

## **Design Freedom**

WALLTITE allows for limitless design freedom by adapting to the shape of the substrate while expanding and sealing to create an air-tight system. Domes, curved walls, and multi-storey atria are just a few possibilities where WALLTITE can be used. WALLTITE is ideal for insulating difficult areas and prevents possible detachment with no shrinking, sagging or settling over time.

## **Safe, Professional Installation**

WALLTITE qualified installers undergo extensive spray training and are certified by the third party, Caliber, according to their ISO 17024 accredited certification program. BASF's Site Quality Assurance and Training Program (SQATP) provides follow-up review of installers in the field and periodic audits to ensure a quality end product. BASF also provides a limited product warranty from the date of installation on all WALLTITE projects.

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For more information visit [www.walltite.com](http://www.walltite.com)

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