

TecCrete®

Raised Access Flooring

CONTRIBUTIONS TO LEED®



HAWORTH®

TecCrete Contributions to LEED

Minimize impact. Maximize investment. TecCrete is durable and adaptable so it will keep working for you through many years of change. TecCrete products may contribute to the individual prerequisites and credits of LEED. Because LEED is a holistic building rating system and sustainable design guideline, there is no such thing as LEED certified products—only ways of using and applying products to support the criteria.

TecCrete contributes to the following LEED Certifications:

LEED ID+C

LEED BD+C

LEED EB:O&M

LEED Core & Shell Development

TecCrete® Contributions to LEED®

Product Name: TecCrete
LEED Rating System: LEED Interior Design & Construction



Energy & Atmosphere

- Prerequisite 2 **Minimum Energy Performance**
TecCrete access flooring is designed to support underfloor air distribution, which reduces the energy needed to cool interior spaces.
- Credit 1.3 **Optimize Energy Performance --- HVAC** **5-10 points**
TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.
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Materials & Resources

- Credit 2 **Construction Waste Management** 1-2 points
Installation of modular power and data systems used with TecCrete access flooring eliminates the conduit and wiring waste associated with traditional wiring methods, reducing the total volume of debris to be diverted. TecCrete packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.
- Credit 3.2 **Materials Reuse --- Furniture and Furnishings** 1 point
TecCrete products are designed to be easily moved, and reused, contributing to this point on future projects.
- Credit 4 **Recycled Content** 1-2 points
TecCrete products may contribute to this point as a typical installation contains 9% post-consumer and 49% pre-consumer recycled content.
- Credit 5 **Regional Materials** 1-2 points
TecCrete may contribute to this point depending on the project location. TecCrete is manufactured in Kentwood, Michigan.
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Indoor Environmental Quality

- Prerequisite 1 **Minimum IAQ Performance**
TecCrete floors are designed to support under floor air distribution, which is more effective than traditional air distribution methods.
- Credit 3.1 **Construction IAQ Management Plan --- During Construction** 1 point
Low-emitting, SCS Indoor Advantage gold certified TecCrete floors reduce emissions during construction and flush-out.
- Credit 3.2 **Construction IAQ Management Plan --- Before Occupancy** 1 point
Low-emitting, SCS Indoor Advantage gold certified TecCrete floors reduce emissions during construction and flush-out.
- Credit 6.2 **Controllability of Systems --- Thermal Comfort** 1 point
TecCrete is designed to support under floor air distribution systems, which give building occupants the ability to control the airflow and temperature within their space.
- Credit 7.1 **Thermal Comfort --- Design** 1 point
TecCrete is designed to support under floor air distribution systems which discharge air at lower air velocity and at temperatures closer to ambient, resulting in greater occupant comfort.

Credit 8.1	Daylight and Views --- Daylight <i>TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.</i>	1 point
Credit 8.2	Daylight and Views --- Views for Seated Spaces <i>TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.</i>	1 point

Innovation & Design Process

Credit 1	Innovation in Design <i>Exemplary performance points may be achieved when a project substantially exceeds a LEED-CI performance credit. For instance, an innovation point may be awarded for achieving 30% recycled content on a LEED-CI 2009 project. TecCrete can contribute to achieving this higher level of recycled content.</i>	1 point
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TecCrete® Contributions to LEED®

Product Name: TecCrete System
LEED Rating System: LEED Building Design & Construction



Energy & Atmosphere

Prerequisite 2 **Minimum Energy Performance**

TecCrete access flooring is designed to support underfloor air distribution, which reduces the energy needed to cool interior spaces.

Credit 1 **Optimize Energy Performance --- HVAC**

TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.

1-19 points

Materials & Resources

Credit 2 **Construction Waste Management**

Installation of modular power and data systems used with TecCrete access flooring eliminates the conduit and wiring waste associated with traditional wiring methods, reducing the total volume of debris to be diverted. TecCrete packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.

1-2 points

Credit 3 **Materials Reuse**

TecCrete products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.

1-2 points

Credit 4 **Recycled Content**

TecCrete may contribute to this point as a typical installation contains 9% post-consumer and 49% pre-consumer recycled content.

1-2 points

Credit 5 **Regional Materials**

TecCrete may contribute to this point depending on the project location. TecCrete is manufactured in Kentwood, Michigan.

1-2 points

Indoor Environmental Quality

Prerequisite 1 **Minimum IAQ Performance**

TecCrete floors are designed to support under floor air distribution, which is more effective than traditional air distribution methods.

Credit 3.1 **Construction IAQ Management Plan --- During Construction**

Low-emitting, SCS Indoor Advantage gold certified TecCrete floors reduce emissions during construction and flush-out.

1 point

Credit 3.2 **Construction IAQ Management Plan --- Before Occupancy**

Low-emitting TecCrete products reduce dust and emissions during construction and flush-out.

1 point

Credit 6.2 **Controllability of Systems --- Thermal Comfort**

TecCrete is designed to support under floor air distribution systems, which give building occupants the ability to control the airflow and temperature within their space.

1 point

Credit 7.1 **Thermal Comfort --- Design**

TecCrete can accommodate under floor air distribution systems which discharge air at lower air velocity and at temperatures closer to ambient, resulting in greater occupant comfort.

1 point

Credit 8.1	Daylight and Views --- Daylight <i>TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.</i>	1 point
Credit 8.2	Daylight and Views --- Views <i>TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.</i>	1 point

Innovation in Design

Credit 1	Innovation Credit for Low Emitting Furniture <i>Low emitting furniture may be applied toward an innovation credit for LEED NC following the criteria of LEED-CI EQ Credit 4.5. TecCrete flooring is SCS certified as low emitting and may contribute to earning this innovation credit.</i>	1 point
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TecCrete® Contributions to LEED®

Product Name: TecCrete System
LEED Rating System: LEED Existing Buildings:
Operations & Maintenance



Energy & Atmosphere

Prerequisite 2 **Minimum Energy Efficiency Performance**
TecCrete access flooring is designed to support underfloor air distribution, which reduces the energy needed to cool interior spaces.

Credit 1 **Optimize Energy Efficiency Performance** **1-18 points**
TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.

Materials & Resources

Credit 2 **Sustainable Purchasing --- Durable Goods** 1-2 points
TecCrete contains more than 20% post-industrial recycled content.

Indoor Environmental Quality

Prerequisite 1 **Minimum Indoor Air Quality Performance**
TecCrete floors are designed to support under floor air distribution, which is more effective than traditional air distribution methods.

Credit 2.4 **Daylight and Views** 1 point
TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.

TecCrete® Contributions to LEED®

Product Name: TecCrete System
 LEED Rating System: LEED Core and Shell Development



Energy & Atmosphere

Prerequisite 2	Minimum Energy Performance <i>TecCrete access flooring is designed to support underfloor air distribution, which reduces the energy needed to cool interior spaces.</i>	
Credit 1	Optimize Energy Performance <i>TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.</i>	3-21 points

Materials & Resources

Credit 2	Construction Waste Management <i>Installation of modular power and data systems used with TecCrete access flooring eliminates the conduit and wiring waste associated with traditional wiring methods, reducing the total volume of debris to be diverted. TecCrete packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i>	1-2 points
Credit 3	Materials Reuse <i>TecCrete products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.</i>	1 point
Credit 4	Recycled Content <i>TecCrete may contribute to this point as a typical installation contains 9% post-consumer and 49% pre-consumer recycled content.</i>	1-2 points
Credit 5	Regional Materials <i>TecCrete may contribute to this point depending on the project location. TecCrete is manufactured in Kentwood, Michigan.</i>	1-2 points

Indoor Environmental Quality

Prerequisite 1	Minimum Indoor Air Quality Performance <i>TecCrete floors are designed to support under floor air distribution, which is more effective than traditional air distribution methods.</i>	
Credit 3	Construction IAQ Management Plan --- During Construction <i>Low-emitting, SCS Indoor Advantage gold certified TecCrete floors reduce emissions during construction and flush-out.</i>	1 point
Credit 6	Controllability of Systems --- Thermal Comfort <i>TecCrete is designed to support under floor air distribution systems, which give building occupants the ability to control the airflow and temperature within their space.</i>	1 point
Credit 7	Thermal Comfort --- Design <i>TecCrete can accommodate under floor air distribution systems which discharge air at lower air velocity and at temperatures closer to ambient, resulting in greater occupant comfort.</i>	1 point
Credit 8.1	Daylight and Views --- Daylight <i>TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.</i>	1 point

Credit 8.2

Daylight and Views --- Views

1 point

TecCrete floors with under floor air distribution can reduce the vertical space needed for ductwork, increasing the overall height of the wall space available for exterior glazing.