



Hilti Clean-Tec

Health, safety and environment integrated.

Clean-Tec stands for especially environmentally-friendly Hilti products. Hilti puts a strong focus on reducing the environmental impact of its products based on the full product life cycle. In 2009 Hilti began measuring the environmental impact of all its products by carrying out life cycle assessments (LCA).

CO₂ emissions reduction

- Product carbon footprint reduction in all phases
- Renewable energy

Energy efficiency enhancement

- Ensure highest standards in durability of products
- Energy efficient production technology in plants

Recyclability improvement

- Increase recyclability of products and packaging
- Design for easy disassembly



Hazardous substances management

- Reduce use of critical substances
- Proactive protection of human health and the environment

Resource efficiency improvement

- Reduce product weight
- Increase share of recycled content

The advantages of Clean-Tec to you

Hilti Clean-Tec products

- make efficient use of resources and energy during production and are free from critical substances
- offer the highest level of environmental performance, exceeding statutory requirements and supporting countless standards in the field of green building (LEED, BREEAM, DGNB and HQE)
- support you in your efforts to work on the jobsite in a sustainable, environmentally-friendly manner

Hilti. Outperform. Outlast.

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For a clean environment.

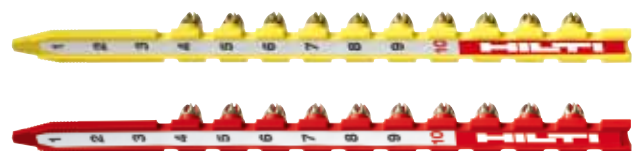
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Hilti Clean-Tec cartridges.

Lead and heavy metal free.

Hilti DX cartridges for direct fastening tools offer extremely reliable power and top quality with the added benefit of Clean-Tec environmental improvements.



Less waste

Unfired cartridges must be disposed of as hazardous waste. The number strip helps users to use up all cartridges so that strips can then be disposed of as normal waste.

Environmentally friendly

Hilti's Clean-Tec cartridges are the first cartridges that contain no lead or other heavy metals. Clean-Tec cartridges therefore support the Green Building Standards (LEED, etc.) recommendations.

Cost savings

Clean-Tec cartridges are equipped with a number strip on the back. This allows users to easily advance a partially-used cartridge strip to the first unfired cartridge, thus optimizing utilization of the cartridges by up to 10%.



CF-I/F CT3 insulating foam.

coming soon

Seal reliably and save energy.

Hilti CF-I CT3 insulating foam and CF-F CT3 filling foam are the first polyurethane (PU) foams that feature Clean-Tec technology. They are a new generation of PU foams featuring reduced monomeric MDI content and excellent performance characteristics; making them both safe and easy to use.



User friendly

Clean-Tec PU foams have low emissions (less than 0.1% MDI), thus contribute to better working conditions on the jobsite. The user can work with the peace of mind that they are working to a high level of safety with the expected high performance – and even better, for example: 20% higher strength, significantly higher UV stability, no need to pre-moisture (increasing speed of work, which translates into a benefit for the customer) allowing the foam to be used in most situations on the jobsite.

Environmentally friendly

Like all other Hilti PU Foam products, Hilti CF-I CT3 and CF-F CT3 have a low global potential, as well as zero ozone depletion potential. The excellent properties of the Clean-Tec foams promote energy efficiency; through improved insulation, as well as being ideal for restricting air, dirt, sound and water infiltration.



MM channel system.

For outstanding resource efficiency.

The MM system was specially conceived for installation work in the field of plumbing, heating and air conditioning.

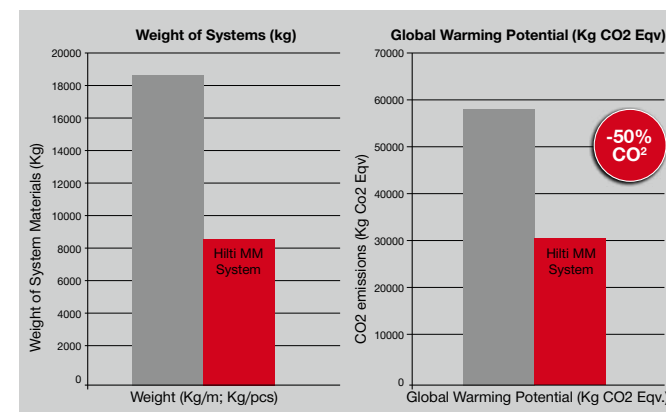
User friendly

The job is simplified and reduces physical strain through use of pre-assembled connectors that can be fitted into the channel quickly, easily and fixed temporarily in position especially in overhead applications. Not only much lighter in weight than other support systems, the MM channel system also offers greater versatility and suitability.



Environmentally friendly

Thanks to its high resource efficiency, the MM System achieves outstanding CO2 reductions compared to products of a similar kind from other manufacturers. Its environmental benefits in terms of carbon emissions are thus considerable. The Hilti MM System, for example, can be manufactured with an astounding saving of up to 50% of CO2 emissions compared to other systems solutions on the market.



Hilti Firestop Systems.

coming soon

Protect lives and assets.

Hilti Firestop Systems are passive fire protection systems which are integrated in the structure of a building, ensuring that once a fire starts it is limited to a defined fire compartment. Hilti Firestop Systems therefore actively help to save lives, protect assets and improve building performance.



Many Hilti firestop products possess important properties that must be taken into account in industry-specific applications or where building codes dictate requirements. These additional attributes have been tested according to international test standards and provide added value such as

- Acoustics ratings
- Water resistance
- Resistance against specific chemicals
- Mold and mildew resistance



The Hilti firestop sleeve or the Hilti firestop block are free of critical substances (REACH), label free and have an extremely low VOC content. Due to the fact that the firestop sleeve is ideal for re-penetration with cables, it can be re-used without reinstallation, ensuring safe installation, no reworking and no additional waste. The following Hilti firestop products fulfil the high Clean-Tec requirements:

- CFS-BL firestop block
- CFS-SL firestop sleeve
- CP680 firestop cast-in device
- CFS-W EL and CFS-W SG firestop wrap



Hilti HIT-CT1 injectable mortar.

Build securely, work safely.

Hilti HIT-CT 1 is the first Hilti chemical anchor featuring Clean-Tec. The Clean-Tec technology incorporated in Hilti HIT-CT 1 works as reliably as the airbag in your car, protecting users and the environment in the event of contact with the mortar. Clean-Tec, after all, means that this injectable adhesive mortar contains no hazardous substances and can thus be disposed of easily without risk to the environment. Hilti HIT-CT 1 also automatically supports all the relevant environmental criteria in green building projects.



User friendly

Clean-Tec injectable adhesive mortars are odorless, contain no hazardous substances and thus contribute to better working conditions on the jobsite. We guarantee that Clean-Tec injectable mortars allow users to benefit from the highest possible level of safety and reliability through high performance and European technical approvals.



Less waste

Hilti HIT-CT 1 injectable adhesive mortar can be disposed of in accordance with the principles of the Green Dot scheme. Empty or partially-used foil packs can be disposed of 100% as non-hazardous waste therefore no additional costs are incurred on the jobsite for the special disposal of waste materials.



Environmentally friendly

Like all other Hilti HIT products, Hilti HIT-CT 1 contains no styrene or solvents. Its VOC content is also very low, i.e. 7.1 mg/m3 reference test chamber concentration in accordance with DGNB (DIN ISO 11890-2) TVOC (3 days), < 5 mg/m3 reference test chamber concentration in accordance with TVOC (28 days) and in accordance with LEED.

