HAWKE | Transit System

DATA CENTRES

Specialist in sealing of Data Centres

WWW.HAWKE-HTS.COM

CABLE AND PIPE PENETRATION SEALING SYSTEM

PROTECT YOUR INFORMATION

Assure the insulation of your facility with HAWKE the best Multi Cable & Pipe Transit System to protect your information located in data centres.

Avoid the risk of fire and flooding.

Prevent the air leakage and consequentially, additional expenses to keep the perfect temperature, humidity and climate in all your facility.

Using HAWKE, you are extending the lifetime of your facility and equipment.

HAWKE THE PERFECT SELAING SYSTEM FOR DATA CENTRES

The Hawke Transit System has been designed to meet the exacting demands of some of the most onerous hazardous areas that can be expected.

Company's rigorous and comprehensive testing regime has resulted in an impressive list of test reports and certificates issues by test houses and certification bodies worldwide.

Use Hawke to protect

- Cabinets
- Enclosures
- Electrical Equipment
- Generators
- HVAC Systems
- Junction Boxes
- Panels
- Power Systems
- Structural Facility
- Switchgear
- Transformers
- More...

ADVANTAGES OF HAWKE TRANSIT SYSTEM

When using Hawke products, the installation process is very simple: **select a specific Tolerant block and install it immediately onto the respective cable.** The speed of installation dramatically reduces labour costs when compared to alternative products.

FASTER INSTALLATION

No onsite modifications needed

With the special design of the Hawke Multidiameter blocks, you get 4 mm of tolerance in the same block.

Due each block is manufactured incorporing five sealing faces and four seling grooves along the the internal faces, which are displaced by the sealing process. The five sealing faces allows for correct sealing of cables or pipes with an inconsistent outer diameter or shape.

Modification of any product is a process that can lead to human error. Indeed, on a large project where thousands of blocks have to be modified, the probability to make a mistake, is quite high.

Errors in modification to any sealing block will result in the installation's integrity against; gas, water and fire protection being completely lost.

Total inspectability

The individual block halves are clearly colour-coded and they also display the maximun and minimum diameter of cable/pipe which it is designated to seal.

The colour-coding allows the inspector to clearly identify that the blocks have been correctly sized for the cable or pipe. Without colour-coding, it is extremely dificult to inspect/verify that the system has been installed correctly.

INCORRECT ASSEMBLY

Without colour-coding incorrect assembly is imposible to detect.

INCORRECT ASSEMBLY

Mismatched colour-coded block halves identify areas which have been incorrectly assembled.

CORRECT ASSEMBLY

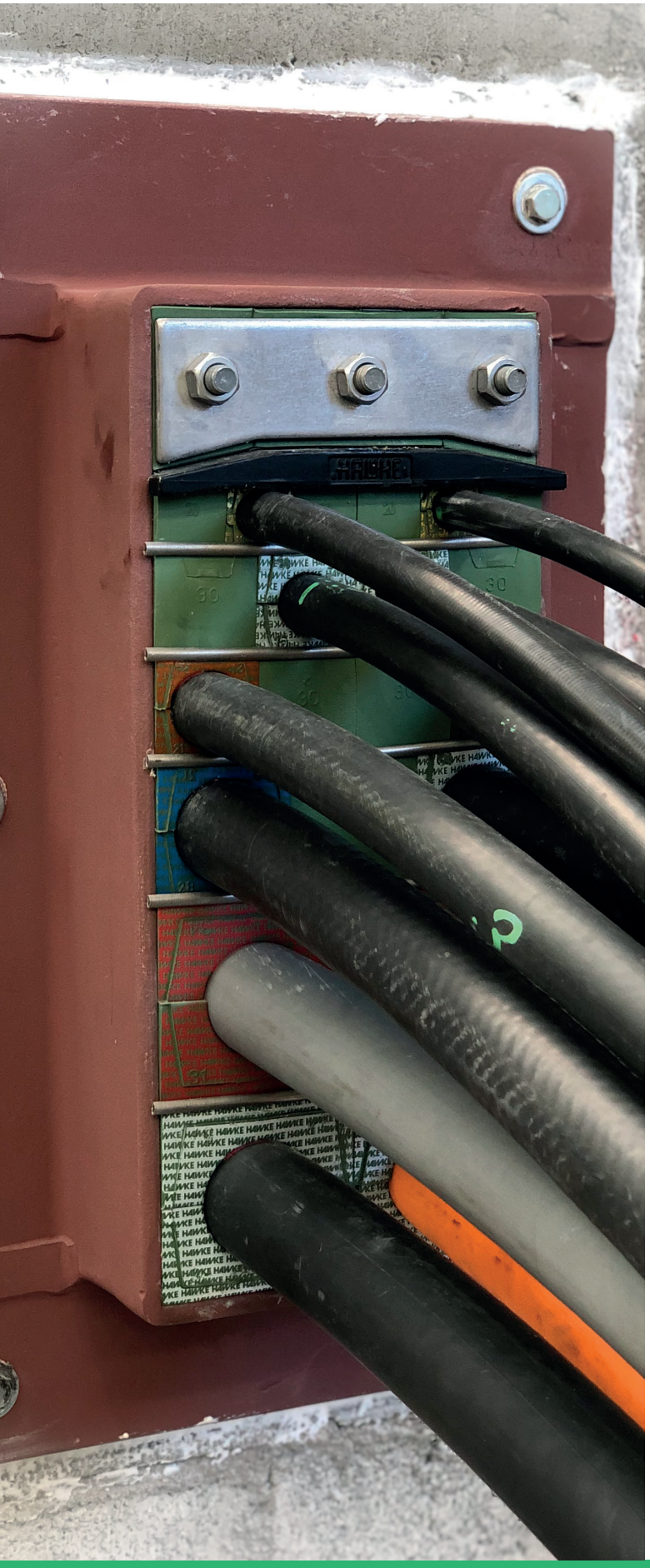
Colour-coded block halves provide visual confirmation of correct assembly.

No waste material

Due to our Tolerant Blocks not need of any modification on site, there is therefore no junk material to dispose of.

This means that potential hazards and hidden cost associated with the disposal of waste product are removed.

ENVIRONMENT FRIENDLY



HAWKE FOR DATA CENTRES

Rectangular Standard

Hawke civil transit systems give protection to the cable/pipe entries wherever a wall, deck or bulkhead is penetrated by cable or pipe.

The transit system will maintain the integrity of the structure which is exposed to risks from hazards such as; fire, smoke, water ingress, toxic gases and attack by vermin.

Hawke frames can be cast within a concrete wall, cemented into a wall, bolted to a wall or welded or bolted to a metallic structure.

Made of mild steel, stainless steel or aluminium, upon request special frame material can be manufactured; a Hawke frame is manufactured and finished to the highest quality.

Each evenly packed row of blocks is held by a **Stayplate.** There must be a stayplate in contact with at least one side of the block to maintain the correct pressure rating for the system.

The final element of the system installation, the **Compression System** is inserted at the top of the aperture.

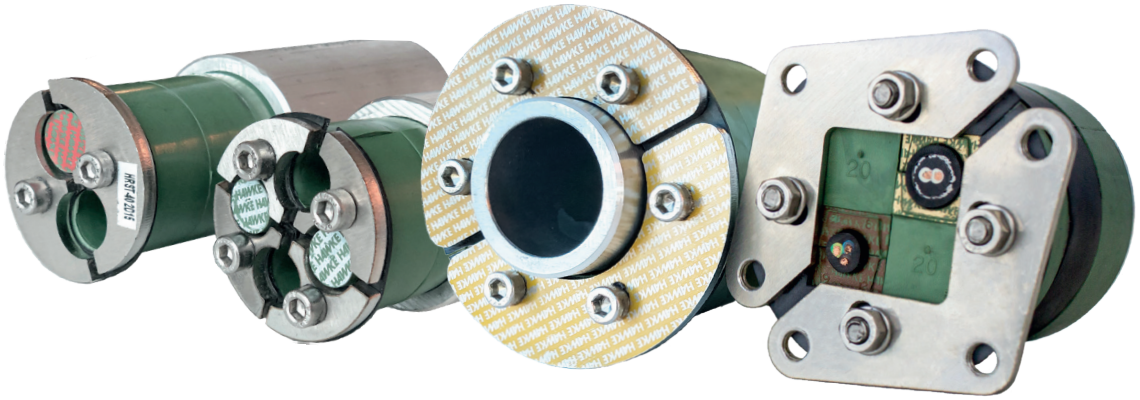
The compression system is used to apply and distribute compression thoughout the system.

Round Standard

HTS round transits effectively seal cables and pipes passing through circular apertures, giving protection against the same hazards as rectangular frames.

The seal is formed by tightening the compression bolts which expand the system radially, causing pressure to be exerted against the external sleeve or aperture and closing down onto the interior services, blocks or pipes.

Round transits are installed within sleeves. HRTOs (with blocks, for multiple cables/pipes) and HRSTs (without blocks, for single cables/pipes).



Cabinet Seals

Hawke Cabinet Sealing Systems give IP- 66/67 protection to cable entries within an electrical cabinet/enclosure, avoiding water and dust to penetrate it thus protecting the equipment inside.

Its modular design allows modifications to be done exactly as in standard installations.

Using a H-DM is an easier and quicker alternative to using conventional gland plates.

DEVELOP YOUR OWN MCT DESIGN

Hawke Design Software – HDS

Hawke Design Software makes easier and faster the design of your cable transit projects, calculating material list and distribution automatically, while maintaining traceability of all the cable data, percentages of saturation per area, etc.

With HDS is possible to import project and cable data from an extern file, managing thousands of cables and transits in few clicks and obtaining material lists, detailed transit drawings and different kind of project and transit reports.

The software allows to modify data and do the recalculation automatically, always giving best combination of frames and blocks in order to save money and time.

Installation drawings and cable layouts facilitates the installation showing the colour coded blocks, helping to save much time and maintaining traceability of the transits.

- Save time designing your projects.
- Manage big amount of cables and transits.
- Import cable schedule and project data.
- Calculate automatically or manually the best combination of materials.
- Export material list, reports and installation drawings.
- Modify cables position directly on the drawing.
- Preview the transit with colour coded blocks.
- Export a project summary for requesting a quotation quickly.
- Share the projects through internal server.

Efficient installation
Calculate the best combination of materials.

Manual configuration
Modify and adapt configurations manually.

Preferences selection
Export material list, reports and installations drawings.

Project preview
Preview the transit with colour coded blocks.

On-site modification
Modify cables positions directly on the drawings.

Project export
Export project summary for requesting a quotation quickly.

HAWKE INSTALLERS APP

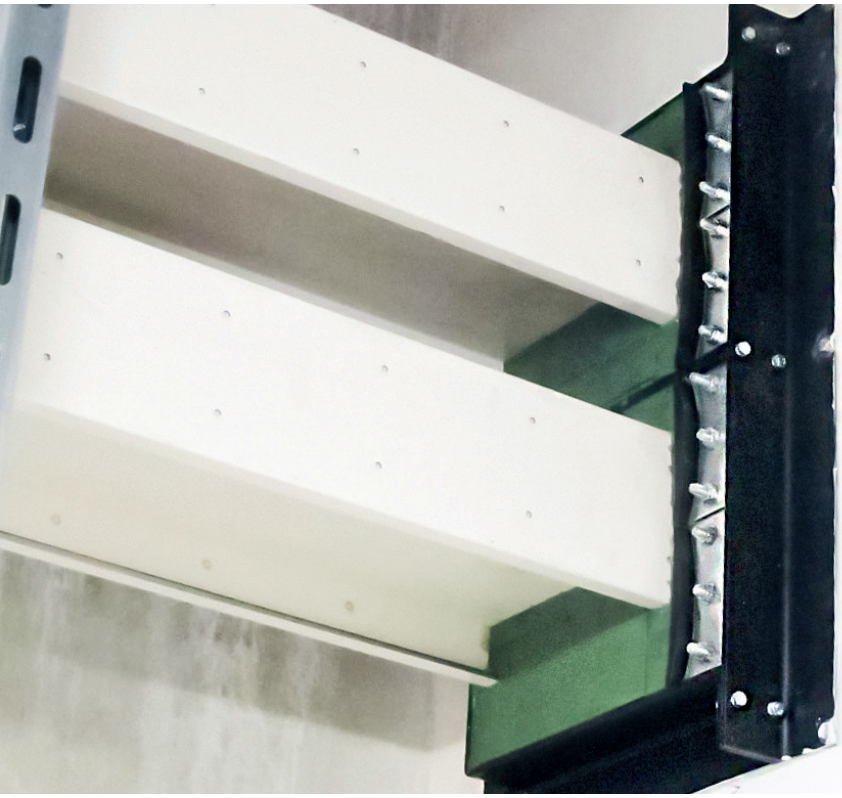
Hawke Installers App makes easier and faster the installation of your transit projects, approaching all the necessary information to the construction point.

Designed to be launched from a portable device (smartphone or tablet), Installers App allows the installer to calculate automatically the best configuration for a transit, obtaining recommended distribution of the system, material list, drawings with colour code and other important information. All of this is obtained maintaining traceability of the cables and materials.

Also, the worker can consult product information, installation instruction and tips, watch the installation videos and contact with Hawke Transit System for technical support.

All these features help to reduce installation time and avoid potential installation mistakes.

- Save time installing your projects.
- Calculate automatically or manually the best combination of materials.
- Modify and adapt configurations manually.
- Export material list, reports and installation drawings.
- Modify cables position directly on the drawingt.
- Preview the transit with colour coded blocks.
- Export a project summary for requesting a quotation quickly.



TAILOR-MADE SOLUTIONS

EMC SYSTEMS

HAWKE INTEGRAL SERVICES

The Hawke technical support seervice offers a complete Installation Training program for your installers.

The Installation Training also enables your installers to learn the best installation techniques thus saving time and preventing installation mistakes.

The training also demostrates that Hawke can be installed much faster than other transit systems.

This training can include inspection and supervision support in order to detect possible installation mistakes and propose neccesary correct actions.

SUPPORT ALONG THE LIFECYCLE OF YOUR PROJECT

DESIGN	TECHNICAL ADVISE	HAWKE HDS
PURCHASING	DEMAND ANALYSIS	
SUPPLY	SPECIAL IDENTIFICATION	
INSTALLATION	HAWKE APP	TRAINING
INSPECTION	TECHNICAL SUPPORT ON SITE	
LIFE CYCLE	MAINTENANCE	QR IDENTIFICATION

EXTEND YOUR FACILITY LIFE CYCLE BEYOND USING HAWKE

HAWKE | Transit System

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