

BUILDING INDUSTRY



COLD WATER SUPPLY

- Protect the water supply in housing, garages, car parks, gardens or on the roofs of buildings whose pipes need to be protected against freezing in winter. As heat insulation has made great progress, piping now runs through colder and colder areas. Not only do they need to be lagged, but also heat losses must be offset to prevent freezing.

FLEXELEC products:

FLEXTAPE	RP - RP/T - RP/I	p 38
STOPGEL - ANTIFREEZE	p 44
FLEXTRACE	FST - FST/T - FST/I - FST/TP - FST/TF	p 48
	FTP - FTP/T - FTP/I - FTP/TP	p 52
	FTSH - FTSH/T - FTSH/I - FTSH/TS - FTSH/TF	p 54
	FTX	p 58



HOT WATER SUPPLY

- Reduce water consumption when the tap-off point is distant from the boiler. In hotels, schools, leisure centres, offices and shopping centres, major savings can be made by not having to waste water while waiting until it runs hot. To achieve this, a heating cable is simply run along the piping under the lagging. This system can also be used in certain cases for periodic destruction of legionnaires' disease bacteria.

FLEXELEC products:

FLEXTRACE	FSH/TP	p 47
	FTP - FTP/T - FTP/I - FTP/TP	p 52
	FTSH - FTSH/T - FTSH/I - FTSH/TS - FTSH/TF	p 54



TUNNELS AND PITS

- As in the Channel Tunnel, flexible heating elements are used to keep fire mains and water mains up to temperature over very large distances.

FLEXELEC products:

FLEXTRACE	C1FS/I - C2FS/I - R3FS/I	p 59
------------------	--------------------------------	------



FIRE NETWORKS and SAFETY SHOWERS

- Make sure that water is supplied to fire hydrants and safety showers. Whatever the climate, it is vital that emergency services have operational equipment available, or automatic systems come into action as quickly and as efficiently as possible.

FLEXELEC products:

FLEXTAPE	RP - RP/T - RP/I	p 38
FLEXTRACE	FST - FST/T - FST/I - FST/TP - FST/TF	p 48
	FTP - FTP/T - FTP/I - FTP/TP	p 52
	FTSH - FTSH/T - FTSH/I - FTSH/TS - FTSH/TF	p 54



ROADS and CIRCUITS

- Prevent accidents on steep gradients of urban road networks, or enable vehicle testing circuits to be used for longer in the year by removing snow and stopping black ice from forming. Specially developed heating cables can be incorporated directly into the road surface while it is being laid.

FLEXELEC products:

FLEXFLOOR	KYX	p 64
------------------	-----------	------

- Fluidify bitumen and binder materials during road works by high temperature heat-tracing of piping, pumps and underpasses.

FLEXELEC products:

FLEXTRACE	FTTH - FTTH/T - FTTH/I - FTTH/TF	p 57
------------------	--	------



HELISTATIONS

- Make helicopter landing safer and make it easier for emergency medical teams to arrive on the scene by fitting heating cables that activate in the event of harsh weather conditions. Helistations or walkways are generally made of concrete or metal.

FLEXELEC products:

FLEXFLOOR	KYCY	p 62
	KYCYR	p 63