

REFERENCE LIST

N-HEAT® PROJECTS



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HOTELS



Dashang Hotel, Shanghai, China

Purpose: Comfort heating

Project size: 461 pcs

Product: N-HEAT® TXLP/2R 17W/m ranging from 400W to 2600 W.

Completion: 2016

Comments: The cables will be installed in common areas, bathroom, and roof/gutters.



Louis XIII in Macau, China

Purpose: Comfort heating

Project size: 400 bathrooms

Product: N-HEAT® TXLP/2R

Completion: 2016

Distributor: This project was awarded to our subdistributor in Hong Kong, Passion Living.

Comments: The project span a total gross area of approximately 945,000 sq. ft. and includes around 236 guest suites. The guest suites starts with a gross area of approximately 2,000 sq. ft. in a duplex configuration, including 15 Villas each occupying app. 5,000 sq. ft. and a Royal Villa occupying app. 20,000 sq ft. that aim to be the most extravagant hotel suite in the world. This is the second hotel in Macau where Nexans heating cables will be installed.



Grand Hotel Imperial, Italy

Purpose: Comfort heating

Project size: 42 bathrooms

Product: N-HEAT® TXLP/2R

Completion: 2014

Distributor: TEMAR

Comments: The Grand Hotel Imperiale is a 5-star luxury hotel of recent construction situated in a splendid position in the pedestrian precinct of Forte dei Marmi, in the Versilia. Only 200 metres from the sea, and surrounded by the splendid Apuan Alps, this hotel offers, to lovers of style and luxury, perfect accommodation that includes 42 exclusive bedrooms and suites in which to relax and to recover their physical and mental wellness.





Marriot Hotels, Sochi, Russia

Purpose: Snow and ice melting, frost protection.

Project size: The project includes three new hotels that Marriot International opened in Sochi for the Winter Olympic games in 2014.

Product: N-HEAT® DEFROST SNOW, N-HEAT® DEFROST PIPE 30

Completion: 2013

Distributor: Elephant Group



Petal Valley, Chongqing Province, China

Purpose: Comfort heating.

Project size: 800 pieces

Product: N-HEAT® TXLP/1

Completion: 2013

Comments: Petal Valley is a holiday village, including also a luxury spa and hotel. The high quality village has a calm and reflective atmosphere, blending perfectly into the dramatic topography and spectacular views of the nearby National Park. This delivery was for Phase II of the Petal Valley villa project. The Nexans team installed Phase I two years earlier.



Shangri-La Jing An Hotel, Shanghai, China

Purpose: Comfort heating

Project size: 350 bathrooms

Product: N-HEAT® TXLP/2R, 500W and 600W

Completion: 2012

Comments: The Shangri-La Jing An is one of Shanghai's most prominent hotels, located in the new Jing An Kerry Centre on Nanjing Road. It occupies the top 28 floors of a 59-storey building, where the lower floors consist of restaurants, offices and retail shops. The hotel overlooks a 3000 m² "town square" courtyard featuring pathways, gardens, water decorations and restaurants.



Fru Haugans Hotell, Mosjøen, Norway

Purpose: Comfort heating & snowmelting

Product: N-HEAT® TXLP

Completion: 2005

Comments: Fru Haugans Hotel is located in the centre of Mosjøen. It is the oldest hotel of Northern Norway, and they have 93 traditional looking rooms with modern comfort.



Quality Hotel Waterfront, Ålesund, Norway

Purpose: Comfort heating

Project size: 197 bathrooms

Product: N-HEAT® TXLP



Beijing Friendship Hotel, China

Purpose: Comfort heating
Project size: 188 bathrooms
Product: N-HEAT® TXLP



Beijing W Hotel, China

Purpose: Comfort heating, bathrooms
Project: Bathrooms
Product: N-HEAT® TXLP



Shenyang Sheraton Lido Hotel, China

Purpose: Snowmelting
Project: Parking lot
Product: N-HEAT® TXLP



Beijing Jinglun Hotel, China

Purpose: Snowmelting
Project: Parking lot
Product: N-HEAT® TXLP



Best Western Västervik Statshotell, Sweden

Purpose: Snowmelting
Project: Parking ramp, drains and gutters
Product: N-HEAT® TXLP



Grand Tarabya Oteli, Turkey

Purpose: Comfort heating
Project: Bathrooms
Product: N-HEAT® TXLP/1



Pera Palace Oteli, Turkey

Purpose: Comfort heating
Project: Bathrooms
Product: N-HEAT® TXLP/1



Maca Kizi Oteli, Turkey

Purpose: Comfort heating
Project size: 74 bathrooms
Product: N-HEAT® TXLP/1



Alacati Port, Turkey

Purpose: Comfort heating
Project: Bathrooms
Product: N-HEAT® TXLP/1



Sheraton Ataköy Oteli, Istanbul, Turkey

Purpose: Comfort heating
Project size: 255 bathrooms
Product: N-HEAT® TXLP/1



Four Seasons Atik Pasha Oteli, Turkey

Purpose: Comfort heating

Project size: 170 bathrooms

Product: N-HEAT® TXLP/1



D Otel Marmaris, Turkey

Purpose: Comfort heating

Project size: 200 bathrooms

Product: N-HEAT® TXLP/1

RAILWAYS



Tianjin Subway Line 6, China

Purpose: Pipe defrosting

Project size: 56.2 km

Product: N-HEAT® Defrost Pipe 20

Completion: 2016

Comments: The total length of the awarded line is 56.2 KM with 48 stops. 47 of those stops are underground and 1 stop is above. The total project will be completed in 2 phases. The first one (34 stops) has already been completed in July this year and the second (13 stops) is scheduled to be completed by September 2017. Tianjin subway company selected 2 main contractors to build the phase 2. More than 7KM Nexans DP20 cable will be installed in 6 stops.



Zhengzhou Subway, China

Purpose: Pipe defrosting

Project size: 40 km (about 500-600 pcs heating elements)

Product: N-HEAT® TXLP/2R from 300 W to 2600 W

Completion: 2016

Comments: Nexans, together with our local customer, won the line 2 of the Zhengzhou subway project. Zhengzhou subway line 2, total length is 50 km, 20 stops/stations. The line 2 is scheduled to be ready for operation at the end of 2016.

Heating cables will be installed on pipe/valve of fire system and sprinkle system of each station.

Zhengzhou has a population of 9,378,000 inhabitants and the city is the capital of Henan region.



Central Railway Station, Utrecht, Netherlands

Project size: 6,5 km

Product: N-HEAT® TXLP

Completion: 2014

Distributor: Heating Group

Comments: The end customer to this project was Pro Rail (the service and construction department of the Dutch National Railway Association). The project was designed by an engineering company, Movares, and the project management was dealt with by a combination of BAM and Volker Wessels Stevin.

The tunnel ramps consist of 6 open tunnel segments parallel to the tracks. The junction with the rail road tracks consists of 2 partially closed segments. The partially closed segments include a section in which the road turns the corner at 90 degrees. Under segment 4 there is a pump basin for rainwater.



Kazan Metro, Russia

Project size: 5280 m

Product: N-HEAT® TXLP 28W

Completion: 2012

Distributor: Impex Kazan

Comments: The heating cables are installed in the staircases of the Zavodskaya metro station.



Beijing subway, Line 14, China

Project size: 250 elements

Product: N-HEAT® TXLP/2R NORDIC 300W - 2600W

Completion: 2012

Comments: In total, Line 14 is 47,7 km and has 37 stations. The elements are to be installed in connection with the sprinkler systems at the stations. The heating cables are wrapped around the water pipes to secure that the fire systems are operational at all times.

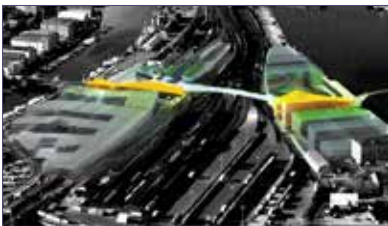


Pedestrian bridge, Trondheim, Norway

Product: N-HEAT® DEFROST SNOW

Completion: 2012

Comments: Nexans delivered Defrost Snow to a gigantic pedestrian bridge (2300 m²) in Trondheim, Norway. The bridge is much more than "just a bridge", it creates a totally new area in the city with a.o. easier access to public transportation. The aesthetics of the bridge is also thoroughly considered. The customer had originally decided on a water based system, but the size of this huge construction calls for a heating cable solution. The bridge is designed by Pir2 Arkitekt, Reinertsen planned the construction and Argo Electro is the installer.



AIRPORTS



Samara Airport, Russia

Purpose: To prevent the gutters and roof drains from frost and snow formation.

Project size: 6 km

Product: N-HEAT® TXLP/1 28 W/m

Completion: 2014

Distributor: Elephant Group

Comments: Nexans heating cables have been frequently used in airports applications in cold areas.



Vnukovo International Airport, Moscow, Russia

Purpose: Frost protection

Project size: 13 km

Product: N-HEAT® DEFROST PIPE 30

Completion: 2012

Distributor: Impex Elektro

Comments: Vnukovo is one of three major airports serving the Moscow area, and handles approximately 10 million passengers every year.



The Lviv Airport, Ukraine

Purpose: Snow melting of roof, gutters and entrance

Project size: 13 km

Product: N-HEAT® TXLP on drum

Completion: 2011

Comments: In order to keep the snow and ice away, TXLP on drum has been installed on the roof of the terminal and in open areas on the ground.



Heathrow Airport, London, UK

Purpose: Snow melting of roof, gutters and entrance

Project size: 70 pcs.

Product: N-HEAT® TXLP/1 3100W

Completion: 2011

Comments: Heating cables from Nexans will secure airline passengers a warm welcome when they disembark the aircraft at the Heathrow Airport in London, UK. TXLP cables were installed in the floor of the gangways at the airport. The gangways are manufactured at a factory in Dongguan in the Guangdong province in the South-East of China. Nexans has also provided thermostats for this project.





Urumqi Airport terminal 3, China

Purpose: Snowmelting,

Project: Roof and gutters, entrance of underground parking lot

Project size: 250 pcs

Product: N-HEAT® TXLP/2R

Comments: In Urumqi in the North-West of China, where the winters are cold and humid, Nexans has recently installed TXLP/2R for snow melting in all gutters on the roofs of the airport's terminal 3. Also the entrance of the underground parking lot is protected by the Norwegian snow melting cables. About 250 pieces were needed in the installation, which was performed by one of Nexans China's sub distributors.

SPORTSFIELDS



The Lviv Stadium, Ukraine

Purpose: Snow melting

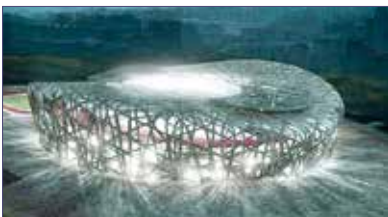
Project: Roof

Product: N-HEAT® TXLP on drum, 29 W/m

Total power: 121,2 kW

Completion: 2011

Comments: The Lviv football stadium was one of eight official football arenas for the UEFA Euro 2012.



"Bird's Nest" (olympic site), Beijing, China

Purpose: Snow melting

Project: Parking lot, access to entrance/ramp underground car park

Project size: 258,000 m²

Product: N-HEAT® TXLP/1 25 W/m



"Water Cube" (olympic site), Beijing, China

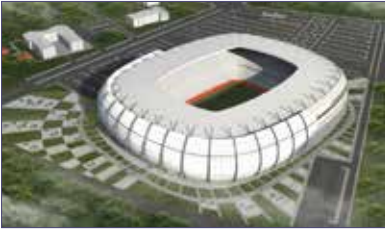
Purpose: Pipe defrosting

Project: Pipe defrosting of underground car park, 4000 meters

Project size: 79,532 m²

Product: N-HEAT® TXLP/1 25 W/m





Sivas 4 Eylül Stadium, Turkey

Purpose: Grass/soil heating

Product: N-HEAT®

Completion: 2009

Comments: The heating cables have also been installed in the athletics running tracks around the football field.

Sivas 4 Eylül Stadium is a multi-use stadium, and is currently used mainly for football matches in its capacity as the home ground of Sivasspor. The stadium holds 17,000 people. UEFA matches are played here.

Nexans Heating Cables are already installed in several football stadiums in Europe. An electrical heating system is more cost efficient compared to a water based system in that one can easily and swiftly regulate the use of energy via a purpose built control system.

OTHER PROJECTS



Kapellskär, Stockholm, Sweden

Purpose: Ice- and snow-melting

Product: N-HEAT® DEFROST SNOW

Completion: 2016

Distributor: Axjo Cable AB

Comments: Kapellskär is the Ports of Stockholm's northernmost harbor, located in the north of the archipelago, about 9 mil north of Stockholm. Kapellskär currently services

40 percent of ferry cargo to/from Finland, Estonia and Åland, and about 900 000 passengers per year. After more than 55 years as one of the largest freight ports, Kapellskär harbor was in need of modernization and streamlining. The harbor area has been expanded by 80,000 m², out of which 25,000 m² has been in the water.

New pier and anchoring points are ready, as well as equipment fenders, bollards and more. All ramps to the new pier are in place as well; two lower ramps, some of the largest of its kind in Europe (16 meters by 29 meters), and an upper ramp which is 60 meters long and 29 meters wide at the far end. Both the pier and ramps will be put into service in June.

Axjo Cable AB has both taken part in the planning of the ramp heating system, and has supplied about 6 kilometers of DEFROST SNOW heating cable, including the 10 power supply and control cabinets which comprise this massive 170kW installation.



Lebyazhiy Aquapark, Minsk, Belarus

Purpose: Roof and rainware antifrost system

Project: 2,500 metres

Product: N-HEAT® DEFROST PIPE 30

Completion: 2015

Distributor: Nexi





Privat villa in Limnos, North Aegean Islands, Greece

Purpose: Floor heating

Project size: 102 m²

Product: N-HEAT® TXLP/1, 17W/m

Completion: 2015

Distributor: Gasklima

Comments: The heating cables were installed in harmony with the lighting of the floor. We used a special construction of concrete and marble installation to provide proper stability and heat capacity. It was a difficult installation. It's a 102m² area, we have used TXLP/1 3100/17 type cables with total 12,4KW power, using one thermostat for each cable to provide full working autonomy for each cable.



The Manhattan House, USA

Purpose: Comfort heating

Project: Bathrooms

Product: N-HEAT® TXLP/2R

Completion: 2015

Distributor: Orbit Radiant

Comments: The Manhattan House is located on the East side of NY with a starting price of \$1,750,0000 for an apartment and up to \$12,500,000 for a penthouse. Only premium amenities are expected for the renovation and Nexans TXLP/2R cables were selected for use in the master baths as part of the standard build feature. Over 50 orders have been shipped, each order contains several cables. The project is not complete, and more Nexans heating cables will be used.



"Forum" shopping center, Ukraine

Purpose: Snow and ice melting

Project size: 4 km

Product: N-HEAT® TXLP on drum

Total power: 113,9 kW

Completion: 2015

Distributor: Rozumny Dim

Comments: Entrance and parking ramp access of the shopping center "Forum" in the city of Lviv.



East Sea Guanyin Temple, China

Purpose: Floor heating

Project size: 150 pcs

Product: N-HEAT® TXLP/2R

Completion: 2015

Distributor: Shanghai Frela



Huanan Building Material Co, China

Purpose: Comfort heating

Project size: 80 bathrooms

Product: N-HEAT® TXLP/2R 200W

Completion: 2014

Distributor: Guangzhou Xishun Co.

Comments: Huanan Building Material Co is the largest bathroom module producer for vessels in the world.



Aviapark, Moscow, Russia

Purpose: Frost protection

Project size: 8 km / 10 km

Product: N-HEAT® DEFROST PIPE (8 km), N-HEAT® TXLP/1 28W (10 km)

Completion: 2014

Distributor: Impex Elektro

Comments: Aviapark is a 4 stories shopping and entertainment centre, with a total area of 231,000 m².



Mozaika shopping mall, Moscow, Russia

Purpose: Frost protection, snow and ice melting

Project size: 6,393 km

Product: N-HEAT® TXLP/1 on drum, N-HEAT® DEFROST SNOW

Completion: 2013

Distributor: Elephant Group

Comments: The total area of the mall is 164 000 m².



President's Residence (Kremlin), Moscow, Russia

Purpose: Snow melting of roof and gutters

Project size: 10 km

Product: N-HEAT® DEFROST PIPE 40

Completion: 2012

Distributor: Elephant Group

Comments: In 2004, Nexans installed heating cable on the roof of the Armory Chamber museum in Kremlin. The cables were produced with a special terracotta-colored outer jacket to better match the color on the roof.



Romme Alpin, Sweden

Purpose: Comfort heating

Project size: 93 cabins and in the Ski Lodge hall.

Product: N-HEAT® MILLIMAT™/100 400W and 800W

Completion: 2012

Distributor: Axjo Kabel AB

Comments: Romme Alpin welcomes 200 000 ski enthusiasts every season, is located within a fairly short distance to Stockholm and other major cities, and is therefore a popular site for week-end visits.



The Uppsala Cathedral, Sweden

Purpose: Frost protection, snow and ice melting

Project size: 33 pcs. of 41 meter

Product: N-HEAT® TXLP/2R 17W

Completion: 2012

Distributor: Axjo Kabel AB

Comments: The Uppsala Cathedral dates back to the late 13th century. It used to be the venue for the coronations of the Swedish monarch, and several royalties and other prominent people are buried here.

Completely unnoticeable, but very much present, are the Nexans heating cables on the roof and in the gutters, protecting the Cathedral against snow and ice during the long, harsh Swedish winter.

The 118,7 meter tall Cathedral is a cultural historical monument, and is therefore protected by law (so-called "K-marking") against any visual alterations. The snowmelting cables had to be installed from the inside, to make them totally invisible from the ground. The cables are integrated into the Cathedral's central control system.



"Diamond Hill" residential complex, Ukraine

Product: N-HEAT®

Completion: 2011

Distributor: Rozumnyi Dim

Comments: Special made white heating cables from Nexans were installed in Kiev's tallest residential building in fashionable "Diamond Hill" by our distributor in Ukraine, Rozumnyi Dim.

This is by far the most exclusive apartment building in Kiev, and with perfection in every detail, the developer made sure that even the heating cables on the roof reflected the style and colour palette of the building.

Diamond Hill is located in one of the most picturesque places in Kiev, overlooking the Dniepr River and a nearby park, close to the center of Kiev and still far away from main roads and city noise. The Diamond Hill complex has a total area of 49,500 square metres and includes 131 apartments, a fitness center with swimming pool, an underground parking lot for 299 cars as well as a children's playground.

The outstanding architecture combines the features of traditional Kiev modernism from the beginning of the last century with modern architectural trends with eclecticism and experimentation.



The Bolshoi Theatre, Moscow, Russia

Purpose: Snow melting

Project: Roof, gutters and drains

Product: N-HEAT® TXLP

Completion: 2011

Distributor: Sim Ross

Comments: The Bolshoi is Russia's national theatre, the quintessence of the Russian musical tradition and the international center of music culture. It re-opened in October 2011 after an extensive renovation which in total took 6 years to complete.



Lhasa Labor and Social Security Bureau, Tibet

Purpose: Comfort heating

Project size: 4000 m²

Product: N-HEAT® TXLP/1

Completion: 2011

Distributor: Tibet Zhuri Co.

Comments: The bureau is situated in the heart of Tibet, surrounded by the Himalayan mountains, 3700 metres above sea level. In the same area, the local police station and a temple are also equipped with Nexans heating cables.



ATM machines, Ukraine

Purpose: Frost protection

Project size: 1640 ATMs across Ukraine

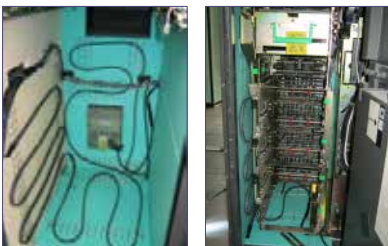
Product: N-HEAT® DEFROST PIPE 40W

Total power: 469,6W

Completion: 2011

Distributor: Rozumnyi Dim

Comments: The cables secure a continuous flawless functionality of the ATMs also during the cold season. When you withdraw money from an ATM machine, the money is issued by rubber suction cups. When it is very cold, the rubber cups may lose their elastic properties, and the notes will not be distributed correctly. The ATMs have already built-in heating systems, however, in very cold weather this may not always be enough. In order to avoid any kind of malfunction, and consequently unhappy customers, the Raiffeisen Bank Aval decided to protect their ATMs by an additional heating solution. The Aval bank is one of Ukraine's largest and most renowned banks, and has on several occasions been recognized for their professionalism.



Mariinsky Palace, St. Petersburg, Russia

Purpose: Snow melting

Project: Offices, roof, gutters

Product: N-HEAT®

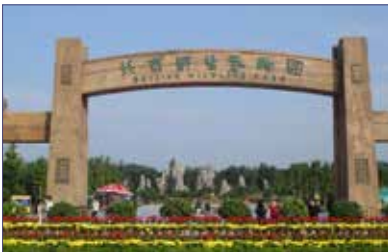


Oslo Domkirke, Oslo, Norway

Purpose: Comfort heating

Product: N-HEAT®

Comments: Heating cables were first installed in 1928, and renewed in 1994. Oslo Cathedral, formerly Our Savior's Church, is the main church for the Church of Norway Diocese of Oslo, as well as the parish church for downtown Oslo. The present building dates from 1694-1697.



Daxing Zoo, Beijing, China

Purpose: Comfort heating

Project size: 500 m²

Product: N-HEAT® TXLP/1 17W 2600-3100W

Total power: 86 W/m²

Controller: Nexans thermostat with room sensor.





Nexans Norway AS is a leading supplier of power, telecommunications, installations and heating cables in Norway, and is among the world's leading manufacturers of offshore control cables and high-voltage submarine cables. The company's head office is in Oslo, and it has manufacturing plants at Rognan, Langhus and Halden. The company has nearly 1,600 employees and is a part of the Nexans Group which has an industrial presence in 40 countries and commercial activities worldwide. Nexans employs close to 26,000 people and is listed on the Paris stock exchange. More information on www.nexans.no.

NEXANS BRINGS ENERGY TO LIFE

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