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CUSTOM REPORT SELECTION

* BRIDGE DECK

No: 09832BGR100

	SOFIA
	BULGARIA
Owner	GENERAL ROAD ADMINISTRATION
Contractor	"PATINVEST - ENGINEERING" CO.
Proj. Type	BRIDGE STRUCTURES
Total	800 SQ METRES
Completed	10/13/96
Comments	ONE COAT OF CONCENTRATE WAS APPLIED TO TWO BRIDGE DECKS ON THE MAIN HIGHWAY CONNECTING EUROPE AND ASIA. THE ENTIRE SURFACE WAS ROUTED OUT AND CRACKS WERE DRY-PACKED PRIOR TO THE APPLICATION.

* BARBADOS BRIDGE

No: 09735

	BARBADOS
	BARBADOS, WEST INDIES
Designer	ASSOCIATED CONSULTING ENGINEERS
Proj. Type	BRIDGE STRUCTURES
Total	2,200 SQ METRES

* WHITE MUD OVERPASS

No: 07808

	EDMONTON, ALBERTA
	CANADA
Owner	CITY OF EDMONTON
Contractor	TRICON CONSTRUCTION
Proj. Type	BRIDGE STRUCTURES
Total	24,000 LBS
Comments	RETAINING WALLS WERE APPLIED WITH XYPEX FOR WATERPROOFING. XYPEX WAS ALSO USED IN JOINTS OF KEY-LOCK PRE-CAST PANELS.

* TUMBLER RIDGE 80 KILOMETER BRIDGE

No: 01407

	TUMBLER RIDGE, BRITISH COLUMBIA
	CANADA
Designer	B.C. RAIL
Contractor	G.W. CARLSON CONSTRUCTION
Applicator	G.W. CARLSON CONSTRUCTION
Proj. Type	BRIDGE STRUCTURES
Total	5,000 SQ FT
Comments	BRIDGEDECK SURFACES.

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* BADALING DONGLAOYU EXPRESS HIGHWAY BRIDGE FLOOR No: 11415

	BEIJING BADALING
	PEOPLE'S REP. OF CHINA
Owner	BADALING EXPRESS HIGHWAY COMMAND POST
Designer	MUNICIPAL ADMINISTRATION DESIGNING INSTITUTE
Contractor	BEIJING CHENRONG WATERPROOFING MATERIAL CO. LTD.
Applicator	BEIJING CHENRONG WATERPROOFING MATERIAL CO. LTD.
Proj. Type	BRIDGE STRUCTURES
Total	6,000 SQ METRES

* MUOGANSHAN MEISHAN BRIDGE CONSTRUCTION No: 11400

	HANGZHOU MUOGANSHAN
	PEOPLE'S REP. OF CHINA
Owner	HANGZHOU SHANGHAI MINISTRY OF RAILWAYS
Applicator	GONGWUDUAN INHANGZHOU
Proj. Type	BRIDGE STRUCTURES
Total	1,000 SQ METRES

* HANGZOU GONGWUDUAN RAILROAD BRIDGE BED No: 11417

	HANGZOU
	PEOPLE'S REP. OF CHINA
Owner	HANGZOU DONGGONGWUDUAN
Proj. Type	BRIDGE STRUCTURES

* HUNAN ZUZOU RAILWAY BRIDGE REPAIR PROJECT No: 11412

	HUNAN ZUZOU
	PEOPLE'S REP. OF CHINA
Owner	ZUZOU GONGWUDUAN IN CHANGSHA RAILWAY CO.
Contractor	ZUZOU GONGWUDUAN
Proj. Type	BRIDGE STRUCTURES

* BRIDGE-AUTOMOBILE EXPRESSWAY OVERPASS

No: 10402CZE251

Applicator	PRAGUE 4
Proj. Type	CZECH REPUBLIC
	SANGREEN LTD.
	BRIDGE STRUCTURES
	CHEMICAL & CHLORIDE PROTECTION
Total	100 SQ METRES
Completed	April 1995
Comments	AN APPLICATION OF XYPEX CONCENTRATE AND PATCH 'N PLUG WAS APPLIED TO THE WATER RUNOFF GROOVES/GUTTERS ON BOTH SIDES OF THE BRIDGE, TO PREVENT RUNOFF WATER SEEPING INTO THE CON - CRETE CONSTRUCTION, AND AS PROTECTION AGAINST CHLORIDES.

* PLECNIKOVA FOOT BRIDGE

No: 10407CZE313

Owner	PRAGUE CASTLE
Applicator	CZECH REPUBLIC
Proj. Type	PRAGUE CASTLE
Total	ABV S.R.O.
Completed	BRIDGE STRUCTURES
Comments	90 SQ METRES
	Oct 1995
	PREVENTATIVE MAINTENANCE: DURING RECONSTRUCTION OF THIS PRESTIGIOUS PROJECT, THE PRODUCTS USED TO WATERPROOF THE WALKING SURFACE WERE XYPEX CONCENTRATE, MODIFIED AND PATCH 'N PLUG, PREVENTING SEEPAGE OF WATER INTO THE MASONRY OF THE HISTORICAL FOOT BRIDGE.

* L10 FOOTBRIDGE AT SHEUNG SHUI STATION

No: 01406

Designer	HONG KONG
Applicator	MAUNSELL CONSULTANTS ASIA
Proj. Type	SEALAND WPG. ENGINEERS
Completed	BRIDGE STRUCTURES
Comments	1983
	XYPEX APPLIED TO THE CRACKS OF ROAD FOOTBRIDGE.

* BRIDGE OVER SHING MUN ROAD - ROAD P5

No: 01405

Contractor	HONG KONG
Applicator	GAMMON (H.K.) LTD.
Proj. Type	SEALAND WPG. ENGINEERS
Total	BRIDGE STRUCTURES
Completed	200 LBS
Comments	1982
	100 SF XYPEX APPLIED TO CRACKS AND JOINTS.

* BRIDGE OVER SHING MUN RIVER

No: 01401

Applicator	HONG KONG
Proj. Type	SEALAND WPG. ENGINEERS BRIDGE STRUCTURES

* SHEUNG SHUI STATION

No: 01400

Applicator	NEW TERRITORIES HONG KONG
Proj. Type	SEALAND WPG. ENGINEERS BRIDGE STRUCTURES
Comments	FOOTBRIDGE

* HIGHWAY BRIDGE

No: 12270HUN111

Owner	VESZPREM HUNGARY
Contractor	KOZUTI KHT.
Applicator	ALPIN PLUSZ KFT.
Proj. Type	ALPIN PLUSZ KFT. BRIDGE STRUCTURES CHEMICAL & CHLORIDE PROTECTION
Total	312 SQ METRES
Completed	07/06/99
Comments	DURING RENOVATIONS OF THE BRIDGE, XYPEX WAS APPLIED TO PROTECT THE BRIDGE PILINGS AGAINST SALT AND CHEMICAL PENETRATION.

* AOMORI BAY BRIDGE - PRECAST CONCRETE MAIN BEAMS

No: 10444

Proj. Type	AOMORI JAPAN
Total	BRIDGE STRUCTURES 6,200 SQ METRES
Completed	1992
Comments	THE AOMORI BAY BRIDGE, MEASURING 25 METERS IN WIDTH AND 1,219 METERS IN LENGTH, IS EXPOSED TO SALT FROM THE OCEAN CAUSING DAMAGE TO THE PRECAST CONCRETE GIRDER BOX MAIN BEAMS. XYPEX WAS APPLIED TO THE FLOOR OF THE MAIN BEAM FROM THE INSIDE OF THE GIRDER BOX TO RENDER THE STRUCTURE IMPERVIOUS TO THE ELEMENTS.

* SUSOBANA RAILWAY BRIDGE

No: 11844

	NAGANO-AMORI
	JAPAN
Proj. Type	BRIDGE STRUCTURES
Completed	1987
Comments	AN INSPECTION OF THE BRIDGE SHOWED MANY "NET SHAPED" CRACKS AND SIGNIFICANT "HAIRLINE" CRACKS IN PIERS AND ABUTMENTS. DEFECTIVE CONCETE WAS REMOVED BY CHIPPING AND XYPEX APPLIED DIRECTLY TO AFFECTED CONCRETE SURFACES. MORTAR THEN APPLIED OVER THS TREATMENT TO FILL CAVITY. XYPEX TREATMENT HAD VERY Efectively SUPPRESSED DETERIORATION CAUSED BY AAR.

* RYUSAKI RAILWAY BRIDGE

No: 11845

	NIIGATA/TSUBAME
	JAPAN
Proj. Type	BRIDGE STRUCTURES
Completed	1989
Comments	DEFECTIVE CONCRETE WAS REMOVED FROM THE WATER CHANNEL AND XYPEX APPLIED TO SURFACE, PRIOR TO FILLING THE REPAIRED AREAS WITH MORTAR. INNER SURFACES OF GIRDERS WERE SUBSEQUENTLY COATED WITH XYPEX. TEST CORES EXTRACTED FROM XYPEX TREATED CONCRETE SHOWED NO EVIDENCE OF AAR. CONCLUDING THE XYPEX TREATMENT HAD SUCCESSFULLY SUPPRESSED AAR.

* REPAIRING WORK - KAMI GOHRA BRIDGE

No: 02708

	WAKAYAMA PREFEC
	JAPAN
Owner	DEPARTMENT OF CIVIC ENGINEERING
Applicator	WAKAYAMA XYPEX CO, LTD
Proj. Type	BRIDGE STRUCTURES
Total	350 SQ METRES
Completed	1985
Comments	2 COATS OF XYPEX CONCENTRATE WAS APPLIED.

* BRIDGES

No: 12314LIT102

Owner	KAUNAS LITHUANIA CITY OF KAUNAS
Contractor	KAUNO TILTAI, LTD. (BRIDGES OF KAUNAS)
Applicator	KAUNO TILTAI,, LTD.
Proj. Type	BRIDGE STRUCTURES
Total	68,400 SQ FT
Completed	1998
Comments	THE SUPPORT COLUMNS ON THE OLD BRIDGE WAS COATED WITH XYPEX CONCENTRATE. ON THE TWO NEW BRIDGES THE FULL UNDER-SIDE OF THE BRIDGES WAS COATED WITH XYPEX CONCENTRATE.

* RASEINIAI BRIDGE STRUCTURE

No: 12410LIT106

Owner	RASEINIAI LITHUANIA CITY OF RASEINIAI
Applicator	VIZGINTA
Proj. Type	BRIDGE STRUCTURES
Completed	1997
Comments	XYPEX WAS APPLIED TO CONCRETE TO PROTECT FROM FREEZE/THAW AND SALT CORROSION.

* BRIDGE, WALKWAY

No: 12489SVR136

Owner	BENIAKOVCE SLOVAK REPUBLIC OCU BENIAKOVCE
Applicator	HYDROSAN S.R.O.
Proj. Type	BRIDGE STRUCTURES
Total	56 SQ METRES
Completed	2000
Comments	XYPEX ADMIX C-1000 WAS ADDED DIRECTLY TO THE CONCRETE MIXTURE DURING THE PLACING OF CONCRETE ON THE CORNICE AS PROTECTION AGAINST SALTS AND OTHER CHEMICAL SUBSTANCES, WHICH ACCUMULATE ON THE WALKWAY. TO ENSURE WATERPROOFING, AND EXTEND THE SERVICE LIFE OF THE STEEL REINFORCEMENT AND STRUCTURE, BOTH SIDES OF THE WALKWAY WERE TREATED.

* HIGHWAY PROGRAM

No: 10419SVR104

	SKALA, NEMSOVA
	SLOVAK REPUBLIC
Owner	HIGHWAYS DEPARTMENT (ROADWORKS)
Applicator	HYDROSAN S.R.O.
Proj. Type	BRIDGE STRUCTURES
	CHEMICAL & CHLORIDE PROTECTION
Total	1,500 SQ METRES
Completed	1996
Comments	A TWO-COAT APPLICATION OF CONCENTRATE AND MODIFIED WAS USED TO WATERPROOF THE RUN-OFF CHANNELS AND PITS WHERE HIGHWAY WATER, CARRYING OILS AND CHEMICALS, IS COLLECTED. THE COLUMNS ON SEVERAL BRIDGES WERE COATED WITH CONCENTRATE AND MODIFIED TO PROTECT AGAINST WATER FROM THE RIVER VAH AND EXTEND THE LIFE OF THE CONCRETE/STEEL STRUCTURE.

* BRIDGES - EN ROUTE TO AIRPORT

No: 12313

	KIEV
	UKRAINE
Owner	FEDERAL GOVERNMENT
Applicator	PIVNICH, LTD.
Proj. Type	BRIDGE STRUCTURES
Total	15,000 SQ FT
Completed	1998
Comments	THE SIDEWALKS, PRECAST BEAMS AND SUB-DECK SURFACE OF THE THREE BRIDGES LEADING TO THE AIRPORT FROM KIEV WERE TREATED WITH ONE COAT OF XYPEX CONCENTRATE AND ONE COAT OF XYPEX MODIFIED.

* CITY OF SAN MATEO PUBLIC WORKS DEPARTMENT

No: 02719

	SAN MATEO, CALIFORNIA
	U.S.A.
Owner	CITY OF SAN MATEO
Applicator	CITY OF SAN MATEO
Proj. Type	BRIDGE STRUCTURES
Total	1,680 LBS
Completed	1986
Comments	REPAIRS TO EXISTING STRUCTURE. XYPEX CONCENTRATE WAS APPLIED AT THE RATE OF 1.5 LB PER SQUARE YARD.

* WESTWOOD BRIDGE

No: 01404

	BERGEN COUNTY, NEW JERSEY
	U.S.A.
Owner	BERGEN COUNTY NJ ENG.DEPT
Designer	BERGEN COUNTY, N.J. ENG. DEPARTMENT
Contractor	R.A. HAMILTON
Applicator	HALMA SYSTEM INC.
Proj. Type	BRIDGE STRUCTURES
Total	3,600 SQ FT
Completed	1979
Comments	720 LB, NEW BRIDGE BROOM FINISH ON BRIDGE DECK AND SIDE-WALKS. RECENT VISIT INDICATES THAT AFTER THREE WINTERS NO SPALLS. VISIT TO BRIDGE IN WINTER 1980 INDICATED THAT NONE OF XYPEX COATING REMAINED - ABRADED OFF. TO BE EFFECTIVE, ACTIVE INGREDIENTS HAD TO TRANSMIT THEMSELVES INTO THE CONCRETE.

* NJ DOT HIGHTSTOWN BYPASS PROJECT

No: 11281

	HIGHTSTOWN, NEW JERSEY
	U.S.A.
Owner	NEW JERSEY DEPARTMENT OF TRANSPORTATION
Designer	GOODKIND & O'DEA, INC.
Contractor	SCHIAVONE CONSTRUCTION
Applicator	CLAYTON CONCRETE (CONCRETE PROVIDER)
Proj. Type	BRIDGE STRUCTURES
Total	49,392 LBS
Completed	12/31/98
Comments	XYPEX ADMIX C-1000 ADDED TO EIGHT BRIDGE DECKS, PARAPET WALLS, AND PRIMARY & SECONDARY RELIEF SLABS IN BRIDGES OVER WATER AND ROADS IN CONSTRUCTION OF A 3.5 MILE HIGHWAY. DOSED AT THE RATE OF 12 LBS./CUBIC YARD (2%).

* PENNSYLVANIA D.O.T. - OVERPASS BRIDGE

No: 09622

	PENNSYLVANIA
	U.S.A.
Owner	DEPARTMENT OF TRANSPORT
Designer	PENNSYLVANIA D.O.T.
Contractor	PENNSYLVANIA D.O.T.
Applicator	PENNSYLVANIA D.O.T.
Proj. Type	BRIDGE STRUCTURES
Completed	10/01/95
Comments	XYPEX CONCENTRATE WAS USED TO SUCCESSFULLY SEAL CRACKS IN THE DOT OVERPASS BRIDGE.

* YABUCOA VALLEY BRIDGE

No: 10527

	YABUCOA, PUERTO RICO
	U.S.A.
Owner	COMMONWEALTH OF PUERTO RICO
Designer	H2O & ASSOC. (DESIGNER OF BEAMS)
Contractor	REDONDO CONSTRUCTION, INC.
Applicator	REDONDO CONSTRUCTION
Proj. Type	BRIDGE STRUCTURES
Total	63,000 SQ FT
Comments	A ONE-COAT APPLICATION OF XYPEX CONCENTRATE WAS APPLIED TO 63,000 SQUARE FEET OF SURFACE ON THE OUTER BEAMS TO PROTECT THE PRETENSIONED CABLES FROM CORROSION.

* HOOD CANAL FLOATING BRIDGE

No: 01399

	OLYMPIC PENINSULA, WASHINGTON
	U.S.A.
Owner	WASHINGTON STATE DEPT OF TRANSPORTATION
Designer	PARSONS BRINKERHOFF QUADE & DOUGLAS
Contractor	J.A. JONES CONSTRUCTION COMPANY
Proj. Type	BRIDGE STRUCTURES
	CHEMICAL & CHLORIDE PROTECTION
Completed	1983
Comments	XYPEX WAS USED TO LINE WET CELLS THAT HOLD SALT WATER. THESE CELLS ARE USED AS VARIABLE STABILIZERS FOR THE FLOATING PONTOONS WHICH SUPPORT THE BRIDGE STRUCTURE. TOTAL COST OF PROJECT WAS \$212 MILLION.

* GREENWOOD FLOATING CONCRETE BRIDGE

No: 01403

	SEATTLE, WASHINGTON
	U.S.A.
Proj. Type	BRIDGE STRUCTURES
Comments	XYPEX WAS USED IN THE CRACKS OF THE FLOATING CONCRETE BRIDGE UNITS.

* TROUBLESOME CREEK BRIDGE

No: 01402

	SNOHOMISH CTY., WASHINGTON
	U.S.A.
Proj. Type	BRIDGE STRUCTURES

* BRIDGE PARAPET WALLS-CITY OF APPLETON

No: 02983

	APPLETON, WISCONSIN
	U.S.A.
Owner	CITY OF APPLETON
Designer	PUBLIC WORKS DEPARTMENT
Contractor	CITY OF APPLETON
Applicator	CITY OF APPLETON
Proj. Type	BRIDGE STRUCTURES
	CHEMICAL & CHLORIDE PROTECTION
Total	2,000 SQ FT
Completed	1987
Comments	THE PARAPET WALLS WERE COATED TO PROTECT AGAINST SALT ATTACK.

* DEPARTMENT OF TRANSPORT

No: 09378

	DODGE COUNTY, WISCONSIN
	U.S.A.
Owner	DODGE COUNTY
Contractor	TEWS CO.
Proj. Type	BRIDGE STRUCTURES
Comments	XYPEX ADMIX C-2000 WAS USED TO WATERPROOF THE COLUMNS, FOOTINGS, ABUTMENTS, DECKS AND RETAINING WALLS OF FOUR BRIDGE STRUCTURES. XYPEX WAS THE CHOSEN PRODUCT BECAUSE OF ITS ABILITY TO PERMANENTLY WATERPROOF AND TO ELEMINATE REBAR RUST CORROSION.

* BRIDGE RETAINING WALL REPAIR-LAFAYETTE COUNTY

No: 02985

	DODGEVILLE, WISCONSIN
	U.S.A.
Owner	LAFAYETTE COUNTY
Designer	OWNER
Applicator	EPOXY SPECIALISTS
Proj. Type	BRIDGE STRUCTURES
Completed	1988
Comments	CRACKS IN RETAINING WALL WERE REPAIRED AND SURFACE WAS COATED WITH XYPEX.

* DODGE COUNTY BRIDGE DECK REPAIRS

No: 02891

	JUNEAU, WISCONSIN
	U.S.A.
Owner	DODGE COUNTY
Designer	DODGE COUNTY ENGINEERING OFFICE
Contractor	OWNER
Applicator	OWNER
Proj. Type	BRIDGE STRUCTURES
Total	32,400 SQ FT
Completed	1987
Comments	A TOTAL OF SIX BRIDGE DECKS WERE REPAIRED INCLUDING 5400 FT OF CRACK. FIVE DECKS USED XYPEX UNDER A TOPPING SLAB AND THE OTHER DECK WAS COATED ON THE SURFACE.

* DEPARTMENT OF TRANSPORT DISTRICT #5 - BRIDGE DECK

No: 09398

	LA CROSSE, WISCONSIN
	U.S.A.
Owner	STATE OF WISCONSIN
Designer	STATE OF WISCONSIN, D.O.T.
Contractor	EPOXY SPECIALIST INC.
Applicator	EPOXY SPECIALIST INC.
Proj. Type	BRIDGE STRUCTURES
Total	5,560 SQ FT
Completed	Oct. 1989
Comments	ROUT AND DRYPACK 300 LINEAL FEET OF CRACKS AND COAT APPROXIMATELY 5,560 SQUARE FEET OF BRIDGE DECK WITH ONE COAT OF XYPEX CONCENTRATE.

* BRIDGE DECK REPAIR-CITY OF PORT WASHINGTON

No: 02984

	PORT WASHINGTON, WISCONSIN
	U.S.A.
Owner	CITY OF PORT WASHINGTON
Designer	CITY OF PORT WASHINGTON
Applicator	CITY OF PORT WASHINGTON
Proj. Type	BRIDGE STRUCTURES
Total	3,600 SQ FT
Completed	1988
Comments	AFTER BAD CONCRETE WAS REMOVED XYPEX WAS APPLIED TO BRIDGE DECK, CONCRETE TOPPING POURED OVER THE XYPEX AND THEN ENTIRE DECK, CURBS AND SIDEWALK WERE COATED. AN OVERLAY OF ASPHALT WAS THEN PLACED.

* BRIDGE DECK

No: 02986

	RIDGEVILLE, WISCONSIN
	U.S.A.
Owner	WISCONSIN D.O.T. DIST.1
Designer	OWNER
Applicator	EPOXY SPECIALISTS
Proj. Type	BRIDGE STRUCTURES
Total	2,500 SQ FT
Completed	1988
Comments	NEWLY POURED CONCRETE DECK DEVELOPED SHRINKAGE CRACKS WHICH WERE REPAIRED AND THEN DECK SURFACE WAS COATED WITH XYPEX.

End of Report