

project brief

TYPE OF FACILITY:

Office Building



Petronas Twin Towers

■ Kuala Lumpur, Malaysia



The Petronas Twin Towers are the second tallest buildings in the world.

The building needed to accommodate structure shrinkage and structure movement/sway due to wind load in risers. This required an innovative piping solution.

Victaulic Style 75 Flexible Couplings were used for angular deflection of branches to the air handling unit on every floor. Victaulic Style 155 Expansion Joints, used as flexible connectors, were installed at strategic locations on potable water and wet risers.

MARKET:

HVAC, Fire Protection

VICTAULIC SOLUTIONS:

Accommodate structure shrinkage and structure movement/sway, angular deflection

OWNER:

KLCC Property Holdings Berhad

CONTRACTOR(S):

Fimatic & Pan Engineering

ENGINEER(S)/CONSULTANT(S):

SKU Ventures / KTA Tenaga

COMPLETED DATE:

1996

SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Chilled Water	Carbon Steel	4" (114,3 mm)
Fire Protection	Carbon Steel	2 1/2" – 8" (73 mm – 219,1 mm)
Potable Water	Galvanized	6" (168,3 mm)