

CHECK LIST FOR S.P. INSTALLATION OF WATER SUPPLY SYSTEM

Stage	No.	Activity	Yes	No	Remarks
Drawing checking	1	Updated dwgs. are available for every flat.			
	2	Dwgs. are made for SP piping systems.			If No -approach SP supplier or plumbing consultant/engineer
Preparing the flat for installing	3	All activities prior to pipe laying are finished.			
	4	The flats are clean and with no obstacles for pipe laying.			
Checking the plumbers	5	All plumbers hold certificates of "SP approved plumber".			Could be checked also at the SP suppliers' office
	6	Plumbing foreman has updated installation dwgs.			
	7	Is on site guidance by SP supplier needed.			
	8	The plumbers have all necessary tools (reamers, bending springs, cutters ,pressing tolls ect).			
Checking the installations	9	All pipes and fittings are marked " SP ".			
	10	The piping is installed acc. all the requirements of "Metzerplas" and Standard Institute.			
	11	The pipe lines on the floor are in straight lines and parallel to the walls.			
	12	The pipe lines in the walls are in straight lines (parallel or perpendicular to the floors).			
	13	The piping is not installed behind or underneath sanitary hardware (toilet, bathtub, ect).			
	14	For gypsum board walls: piping and tap connectors are fixed firmly to stands by metal sheet anchors.			
	15	For gypsum board walls: all pipe crossing in the metal stands are protected by plastic sleeves.			
	16	Hot water pipes are isolated.			
	17	There is separation between cold and hot lines.			
	18	The pipe lines on the floor are protected by thick layer of cement mortar.			
	19	Pipe lines in ducts, acoustic ceilings, ect are fixed by plastic clamps at least every 1M.			
Final acceptance checking	20	A performance test was made to verify that all sanitary points are properly supplied with cold and hot water.			
	21	Pressure test was carried out at 15 bar acc. the installation instructions of "Metzerplas" (this test should be also repeated after every change and/or repair of the piping system).			

Note : This check list was made by SP Co. as supporting form for Construction & Inspection companies and is not substitute for the full Instructions for Installations of "Metzerplas" or any other obligatory requirements.