

HOT PIPE COATING AT VANCOUVER SHIPYARDS

The video was taken after the second primer coat of approximately 50 mils (1.2mm) DFT and before it had finished steaming off to complete its cure down. This video is courtesy of Doug Robinson, the Health and Safety Officer at Vancouver Shipyards.



A piece of 8 " Schedule 40 pipe was preheated with a Tiger Torch.



A temperature reduction from **350C** on the bare pipe to **170C** after the initial primer coat @ 50 mils (1.2mm) DFT was applied.



A temperature reduction from **370C** on the bare pipe to **90C** after the second primer coat @ 50 mils (1.2mm) DFT was applied. (Video)



A temperature reduction from **395C** on the bare pipe to **55C** after the build coat @ 100 mils (2.5mm) DFT was applied.



A temperature reduction from **400C** on the bare pipe to **50C** after the final build coat @ 250 mils (6.3mm) DFT **TOTAL** was applied.



Of significant interest is the fact that Hot Pipe Coating can be applied to an **in service** surface without the necessity of an expensive shut down of operations. This applies to both initial application and any maintenance.