

Pipe Hammer Application – Reduction of Vibrational Noise

Coating: Mascoat Sound Control-dB

Thickness: 100 mils (2.5 mm)

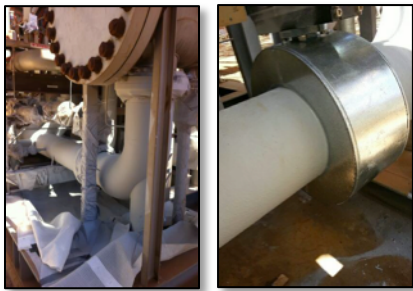
Reason for application: Reduce vibrational noise, personnel protection, Corrosion Under Insulation (CUI)



Mascoat Sound Control-dB coating is utilized within Marine, Transportation, and Industrial & Processing facility applications where excessive vibrational noise can cause safety concerns or discomfort for personnel.

On this particular application shown, segments of pipe work were subject to vibrational noise producing “pipe hammer” as valves were opened and closed which exceeded site tolerances. To reduce this vibrational noise

transmission, 100 mils (2.5 mm) of Mascoat Sound Control-dB was applied in increments of 20 mils (0.5 mm) each. Being a spray on application applied directly to the substrates surface, it still provided optimum visibility of the pipe surface while additionally reducing corrosion issues by providing a moisture barrier. It is also easily applied, lightweight reducing the need for maintenance of the applied surface.



To successfully reduce the effects of additional noise transmission, specialized removable valve covers were packed with sound absorption material to reduce noise from the actual valves. On completion there was a marketable improvement to vibrational noise transmission within the area