



ASPHALT STORAGE TANK

A roofing asphalt manufacturer applies hot asphalt to a polyester or fibreglass base, and then adds gravel on top of the asphalt. The product is then run through a cool water bath, rolled, and cut.

The asphalt must be maintained at 310°F in an insulated outdoor storage tank because at temperatures below 250°F, the asphalt solidifies. The customer uses 450°F hot oil to maintain the temperature in the asphalt tanks with each tank utilizing a Mark 70 for temperature control. The valves are normally closed, air-to-open. In hot oil service, threaded valves have a propensity to leak, so all valves are flanged.