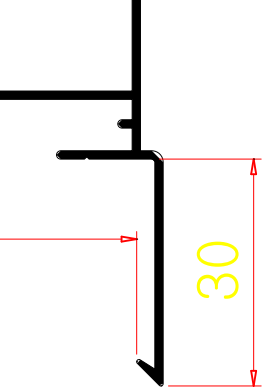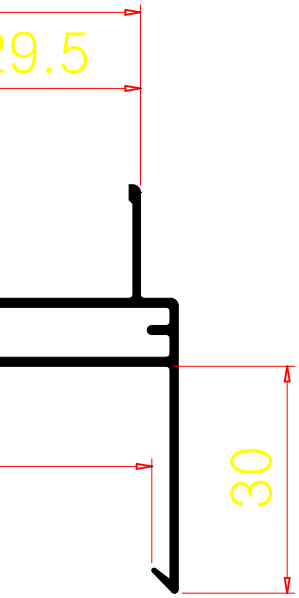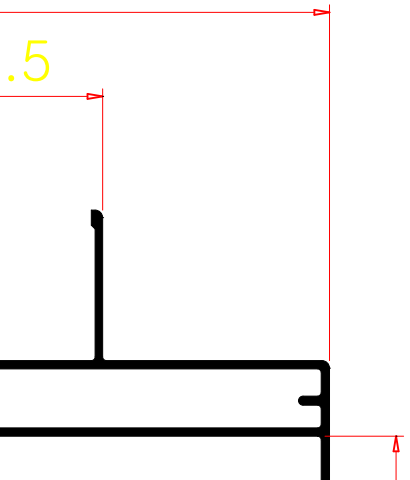1.578 kg/m,