



The SureCoat Roof System

ROOF DRAIN REPAIR



This is a traditional roof drain found on commercial and industrial roofs. Often roof leaks occur at the roof drains. This roof drain has been repaired several times with mastic and inferior coating products that were unable to withstand the UV exposure and ponding water common near roof drains.



Before beginning the roof drain repair, clean the area with SureSkrub and rinse thoroughly. Flat and low-sloped roofs often have ponding water around the roof drains as shown above. Ponding water causes accelerated deterioration of traditional roofing materials. The SureCoat Roof System protects against ponding water!



Remove the roof drain ring. If not too badly damaged, a roof drain ring can be cleaned using SureSkrub to remove the surface rust then treated with a rust inhibitor and painted or coated. Maintaining the roof drain ring is important



Once the area is clean and dry, measure out the proper length of 42" Poly-Mesh, extending 2-3 feet on each side of the roof drain. Cut out a hole in the center allowing the Poly-Mesh to fold into the roof drain.



Apply a basecoat of SureSet or SureCoat roof coating at rate of approximately 20 mils or 2 gallons per SQ (100 SF).



Embed Poly-Mesh into the basecoat while the coating is still wet. This is for added tensile strength. A SureCoat roof drain repair will have a 2800 psi tensile strength when reinforced with Poly-Mesh.



Immediately apply a topcoat of SureCoat or Sure-a-Thane, fully covering the Poly-Mesh, forcing the basecoat to bleed through and fully covering the Poly-Mesh. Extend the topcoat of coating beyond the Poly-Mesh a minimum of 12”.



There should not be any Poly-Mesh visible through the coating once complete. Make sure the entire areas is pin-hole free and dry throughout. Then, secure the roof drain ring back in place.



Cover the roof drain with a dome type strainer. The strainer is a basket that aids in keeping debris out of the roof drain and pipes. The SureCoat Roof System creates a seamless waterproof membrane over any type of existing roofing material. The SureCoat Roof System withstands UV and ponding water and will not crack, lift or peel.