



# PROJECT PROFILE

## CELGENE



### PROJECT DESCRIPTION

Celgene, a global biopharmaceutical company, needed to renovate their facility in San Diego. The design required cleanrooms to keep contaminants out of sensitive areas requiring additional, specialized equipment to filter out environmental pollutants, control humidity, temperature, and minimize air flow. These requirement modifications mandated a substantial increase in the number of roof top penetrations. A staggering 2500 penetrations in the brand-new spray foam roof system, were properly sealed due to the spray and seal characteristics of foam.

### STRUCTURE FEATURES

-  Spray Foam Roofing System
-  Existing Construction: Commercial Building
-  66,000 sq.ft.
-  QUIK-SHIELD® 1000 Roof Primer, QUIK-SHIELD® 125 Roof Spray Foam, and QUIK-SHIELD® 1929F Roof Coating
-  San Diego, CA



**INSTALLER**  
Ari-Thane



### PRODUCT INSTALLED

Per manufacturer's specifications, Ari-thane applied a low VOC primer, QUIK-SHIELD®'s 125 spray foam and QUIK-SHIELD®'s 1929F coating, these same products were utilized to completely reseal the penetrations.

### APPLICATION CHALLENGES

Roofing with any other method would have required an extensive patch job which would have taken longer to complete. In addition, other roofing methods couldn't provide the necessary air barrier at an affordable cost, especially with all of the post-application penetrations. With traditional roofing systems, the flashing alone costs \$40 per penetration resulting in an additional \$100,000 fee to complete the project. This does not include the additional cost or time it would have taken to attempt to seal the penetrations with traditional methods.

### SPRAY FOAM BENEFITS

Spray foam systems are durable, energy efficient and low maintenance. A perfect solution for manufacturing facilities. Ari-thane Foam Products, Inc. won a national award in the Spray Polyurethane Foam Association's Industry Excellence Award Competition which recognizes the best projects and contractors across North America.