

INTRODUCTION

All building roofs are subject to destructive effects of sun, rain, snow, seasonal weather changes, ventilation system, exhaust air, ventilation under the roof, roof loading, traffic on the roof, acid-laden smoke, and the abrasive action of dust and grit borne by high velocity winds. Alternate wetting and drying, freezing and thawing caused by water lying on the roof causes expansion, contraction, and rotting, with damage often extending even to the substructure.

While sound, comprehensive design and good materials will provide owners with trouble-free roof installation for many years, one certain means by which periods between repair and replacement can be importantly extended is through provision of more effective roof drainage systems. By the simple act of draining water from the roof, many of the major causes of roofing failure can be eliminated.

The Zurn Roof Drains and Drain Accessories represent more than 100 years of experience in supplying engineered roof drainage equipment to the construction market.

WHEN SELECTING A ROOF DRAIN

Note: First and foremost, be sure to comply with all local plumbing codes.

To select the proper roof drain, the following information must be known:

1. Type of Roof Construction
2. Roof Size
3. Roof Pitch
4. Location of Drains
5. Desired Rate of Drainage
6. Roof Load Requirement
7. Safety Load Requirement
8. Volume of Expected Rainfall
(Consult the Inch Per Hour Rainfall map on Page 5.)