

## ALUMINUM FLOORING SYSTEM - SURFACE APPLICATION

Model(s): DT/DTw/DTG

### DT Floor to Floor Cover System



#### GENERAL DESCRIPTION

Nystrom Interior Cover System is capable of thermal and some multidirectional movement. Easily installs on the surface of the floor directly to the substrate without the requirement of preformed blockouts.

#### Introduction + Safety

**GENERAL SAFETY PRECAUTIONS** Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through their own analysis, to select products suitable to the specific application requirements, ensure proper maintenance and use as intended. Follow local, state, and federal regulations for proper installation and operation requirements.

Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the product, the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

#### Transportation + Storage

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

#### Preparation

- Locate the packing slip(s) and/or shop drawings.
- Verify that all products listed on the packing slip are included in the package.
- Check the products for damage. If products are damaged, report a freight claim immediately and leave the products in their packaging. If you sign for products without reporting damage, you waive your right to a freight claim and will be responsible for replacement costs.
- Read the instructions thoroughly before beginning installation.

## Tool List

- Tape measure
- Chop saw to cut product to length
- Hammer
- Electric drill with Ø1/4" masonry bit
- Broom & dustpan or vacuum

## Included with the expansion joint system:

- Ø1/4" Sleeve anchors

## Preinstallation

1. Ensure that the floor is smooth and level. High spots should be ground down and low spots filled in. Make sure floor is clean by sweeping and/or vacuuming floor.

## INSTALLATION

1. Cut and fit cover plate to required length, if installing more than one piece lay, out entire run to insure proper alignment. Make sure that the predrilled holes are lined up at least 1-5/8" from the edge of the expansion joint. **See Figure 1.**
2. Drill end holes first, this ensures the cover plate will not move and alignment with other joints is obtained. Cover plates are supplied with predrilled holes, using a Ø1/4" concrete drill bit drill holes to a depth of 2-1/2". Blow out and remove all debris from holes and top of substrate before installing joint cover.
3. Insert the supplied sleeve anchor into the hole so the head is flush with the top surface of the cover plate. Expand the anchor by tightening the head 2 to 3 turns.
4. Once anchors are in the end holes, drill remaining holes and install anchors.

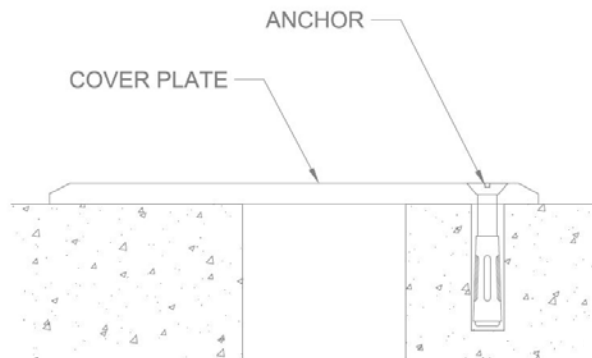


Figure 1

## DTw Floor to Wall Cover System



### GENERAL DESCRIPTION

Nystrom DTw Interior Cover System is designed to match the DT cover plate in floor to wall applications.

### Tool List

- Tape measure
- Chop saw to cut product to length
- Electric drill with  $\text{Ø}5/32$ " standard/masonry bit
- Hammer
- Broom & dustpan or vacuum

### INSTALLATION

1. Cut and fit cover plate to required length, if installing more than one piece, lay out entire run to insure proper alignment. Mark the mounting locations on the wall through the factory drilled holes in the plate.
2. Remove cover plates and drill holes, using a  $\text{Ø}5/32$ " drill bit drill holes.
3. Attach the cover plate to the wall using appropriate  $\text{Ø}3/16$ " fastener for the wall type. Note: Wall fasteners are not provided. **See Figure 2**

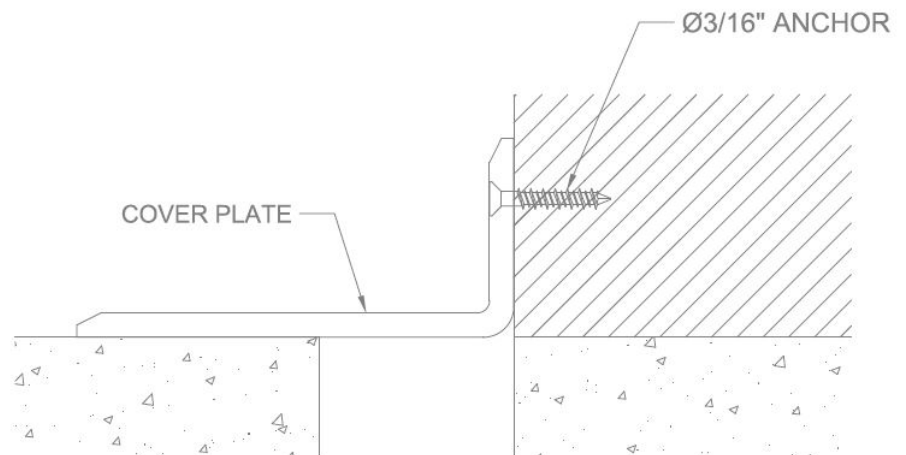


Figure 2

## DTG Gym Floor to Floor Cover System



### GENERAL DESCRIPTION

Nystrom DTG Interior Cover System has two gaskets to dampen sound from pedestrian traffic. Easily installs on the surface of the floor directly to the substrate without the requirement of preformed blockouts.

### Tool List

- Tape measure
- Chop saw to cut product to length
- Hammer
- Electric drill with Ø1/4" masonry bit
- Broom & dustpan or vacuum

### Included with the expansion joint system:

- Ø1/4" sleeve anchors
- Gaskets

### INSTALLATION

1. Cut and fit cover plate to required length, if installing more than one piece, lay out entire run to ensure proper alignment. Make sure that the predrilled holes are lined up at least 1-5/8" from the edge of the expansion joint. **See Figure 3.**
2. Drill end holes first, this ensures the cover plate will not move and alignment with other joints is obtained. Cover plates are supplied with predrilled holes, using a Ø1/4" concrete drill bit drill holes to a depth of 2-1/2". Blow out and remove all debris from holes and top of substrate before installing joint cover.
3. Insert the supplied sleeve anchor into the hole so the head is flush with the top surface of the cover plate. Expand the anchor by tightening the head 2 to 3 turns.

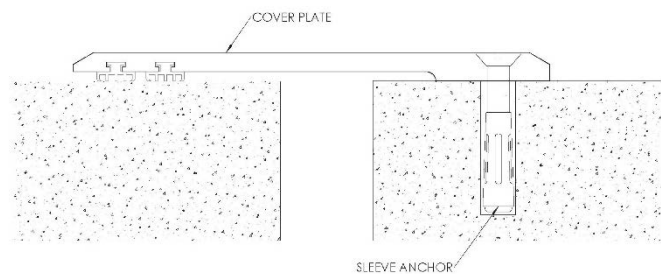


Figure 3

4. Once anchors are in the end holes, drill remaining holes and install anchors.

## **OPERATION**

Expansion Joints are designed and built for years of dependable service.

## **MAINTENANCE**

Perform annual inspections to make sure the system is in position; all fasteners are tight and in place and that there is no impedance of joint cover movement. Repair and/or replace as needed.

## **QUESTIONS?**

For more information on installation, repair or replacement, please contact Customer & Sales Support at 800-547-2635 or visit [nystrom.com](http://nystrom.com)