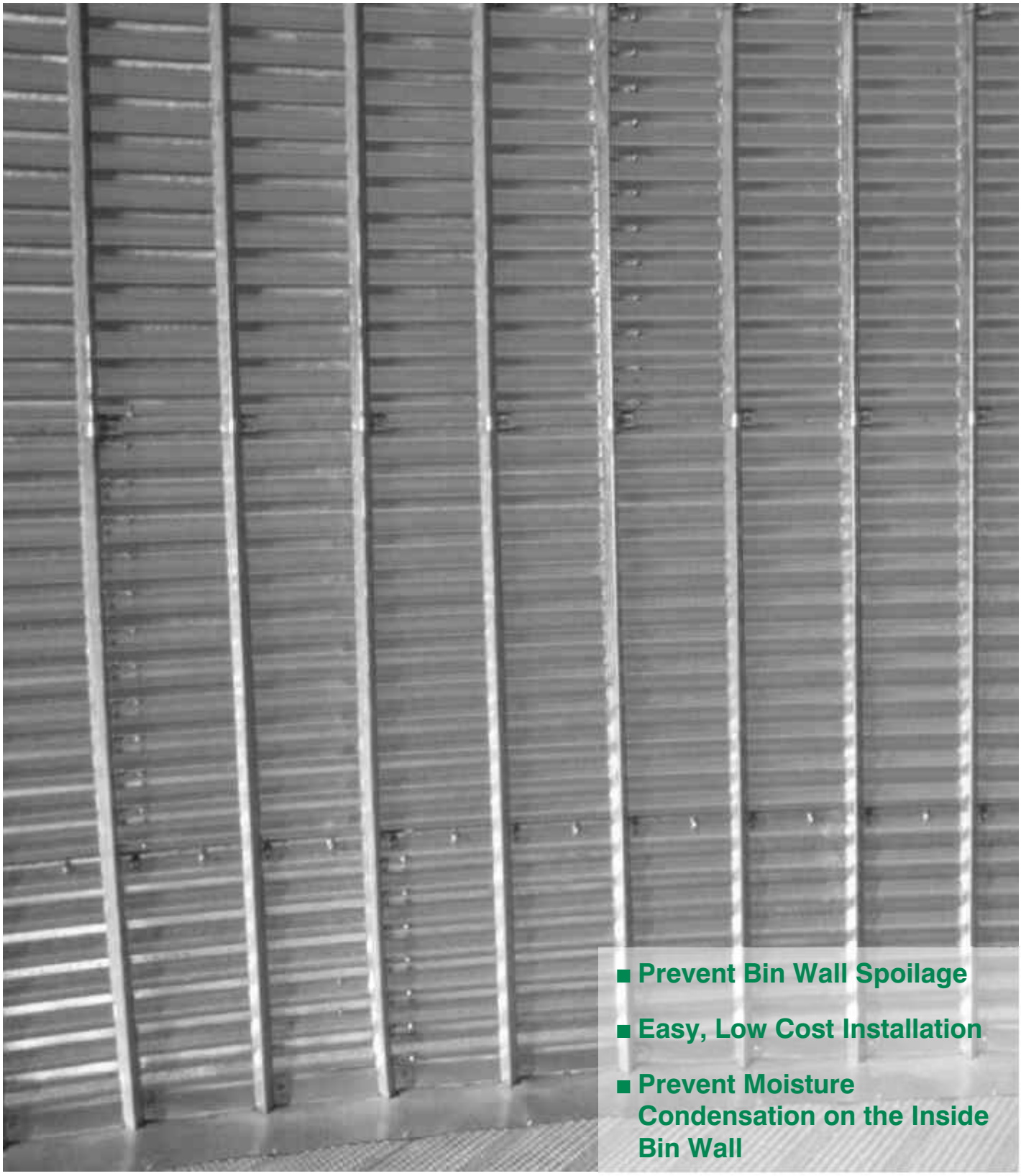
Sukup®

Airways®

Air Tubes



- Prevent Bin Wall Spoilage
- Easy, Low Cost Installation
- Prevent Moisture Condensation on the Inside Bin Wall

Stop Bin Wall Spoilage

The Problem

Condensation Causes Spoilage

- Drying grain requires removing large quantities of water - about 1 gallon per bushel (10 pt. removal).
- Cool outside temperatures cause the warm, moist drying air to condense on the cold bin wall, making the layer of grain next to the bin wall wetter.
- As the outside temperature drops, this wet grain freezes to the bin wall.
- When the weather warms up, the grain thaws, sprouts and spoils.

- Spoilage eats the galvanizing off the bin wall and can weaken the bin.
- The problem worsens in colder climates and when using higher drying temperatures.

A Little Spoilage Can Cost A Lot

Bin wall spoilage can spread quickly, but even a small amount can be very expensive. In a 24′ bin with grain 12′ deep, you will lose 240 bu. of grain with just 4″ of bin wall spoilage (300 bu. in a 30′ bin; 360 bu. in a 36′ bin). In addition to the money lost, spoiled grain sticks to the bin wall, adding stress that could collapse a bin.

The Solution

Airways® Can Pay for Themselves in One Year

- Airways® are a system of perforated triangular-shaped steel tubes that pipe drying air along the bin wall.
- Airways® work like the defroster on a car, piping warm air where it is needed to remove moisture.
- Removing the moisture eliminates bin wall spoilage, so Airways® can pay for themselves in a very short period.

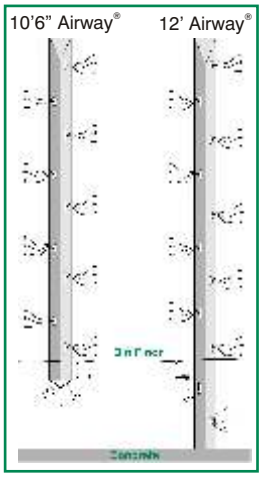
An Airway® Door Kit was not used in this bin. Notice the spoilage in the area not covered by Airways®

Superior Airflow

- Triangular-shaped opening provides more open area than competing tubes with round sleeves in the opening. More open area means more airflow.
- Small slots at predetermined intervals allow just the right amount of air up the bin wall to take out the extra moisture.
- Bin liners can create a chimney effect that allows unlimited amounts of air to channel up the bin wall, leading to higher drying costs due to wasted energy.

Easy and Inexpensive to Install

- Airways® may be used with large or small grain.
- Two lengths available; 10′6″ and 12′. Both extend to the same height on the bin wall.
- Standard 10′6″ tubes extend approximately 1″ below the flashing.
- Optional 12′ Airways® extend through the flashing and rest solidly on the concrete floor, giving additional support to the bin wall (see special guarantee below).
- Brackets fasten to existing bin bolts.
- Protect the areas around the ladder and door with an Airway® Door Kit.



Guarantee

When 12′ Airways® are installed according to Sukup instructions and extending to the concrete floor, Sukup Manufacturing Co will guarantee the bottom 10′ of a recommended drying bin against sidewall failure when a Sukup Fastir™ Stirring Machine is used.

Note: Airways® are not a substitute for bin wall stiffeners when stiffeners are recommended.

Specifications subject to change without notice.

Sukup Manufacturing Company ■ www.sukup.com

Box 677 ■ 1555 255th St. ■ Sheffield, Iowa 50475-0677
Phone: 641-892-4222 ■ Fax: 641-892-4629 ■ Email: info@sukup.com

Distribution Centers:
Arcola, IL E. Hwy. 133, 61910 | Aurora, NE Hwy. 34 E., 68818 | Defiance, OH Rte. 66 N., 43512 | Jonesboro, AR 5917 E. Johnson, 72403 | Kansas City, MO 7605S E. 12th St., 64126 | Watertown, SD 2701 Piper Ave., 57201