

SureCover Board™ Technical Notes

SureCover Board™ is placed over corrugated paper void forms to help distribute the concrete working load and to bridge small gaps between the forms in order to prevent concrete migration. It protects the void material from puncture and other damage during concrete placement. Cover sheets with various capabilities can range from economical corrugated papers, hardboard, wood substrates, and plywood.

TYPES AVAILABLE

- ◆ 275-C/44 ECT - Fully Wax-impregnated Corrugated Paper – an economical cover sheet for use in light duty applications: It provides good coverage of the void form seams, which helps prevent concrete intrusion into these areas. Because it provides minimal protection against puncture from point loading, the use of wide base rebar chairs (sand chairs) and/or the use of a hardboard coversheet at the point of loading is recommended. Hardboard may also be required in traffic areas where other sources of damage exist.
- ◆ 1/8" (3.2mm) Hardboard – a smooth, good-grade hardboard that provides moderate protection against puncture and can be used in most slab applications: In conditions of extreme point loading, the use of wide base rebar chairs (sand chairs) or the periodic use of a second layer at the point of loading is recommended.
- ◆ 1/4" (6.4mm) Hardboard – a recommended, smooth, good-grade hardboard that provides even greater protection against puncture: Because of its thickness, it is extremely stable and is therefore the most popular in the field. It can handle nearly any imposed load and provides sufficient protection in almost all conditions.
- ◆ (_____) Inch substrate or Plywood – to be used in extreme circumstances: It is generally not as cost effective. Various thicknesses can be used to achieve maximum protection and load distribution in all heavy-duty applications.

ADVANTAGES

1. Bridges small gaps between void form pieces
2. Helps distribute working load of concrete
3. Protects void materials from puncture and other damage
4. Provides a uniform work surface
5. May assist in keeping void forms dry prior to concrete placement

AVAILABLE DIMENSIONS

THICKNESS – materials vary
WIDTH – approximately 48"
LENGTH – approximately 96"

RECOMMENDATIONS

1. Select the type of cover sheet that will provide the best protection for each application in all circumstances or jobsite conditions.
2. Keep materials dry at all times prior to concrete placement.
3. Place cover sheets directly on void forms, positioning each sheet so that the seams do not match the seams between the void forms.
4. Tape, staple, or nail each piece into position as appropriate to prevent them from sliding.
5. Tape all of the seams where desired or necessary.
6. Place vapor barrier over cover sheet if required.
7. Position rebar chairs and install steel.
8. Place concrete.