

Introduction:

The instructions and drawings included here are intended only as a guide for the installation of DECRA Roofing Systems' Tile, Shake and Shingle Plus profiles. The materials and methods specified help maintain the overall integrity of the roofing system. These instructions are not intended to address all aspects of roofing installation; a quality installation is ultimately dependent upon the workmanship of the roofing contractor. Information regarding alternative situations not covered in these instructions can be obtained by contacting DECRA Roofing Systems.

Safety:

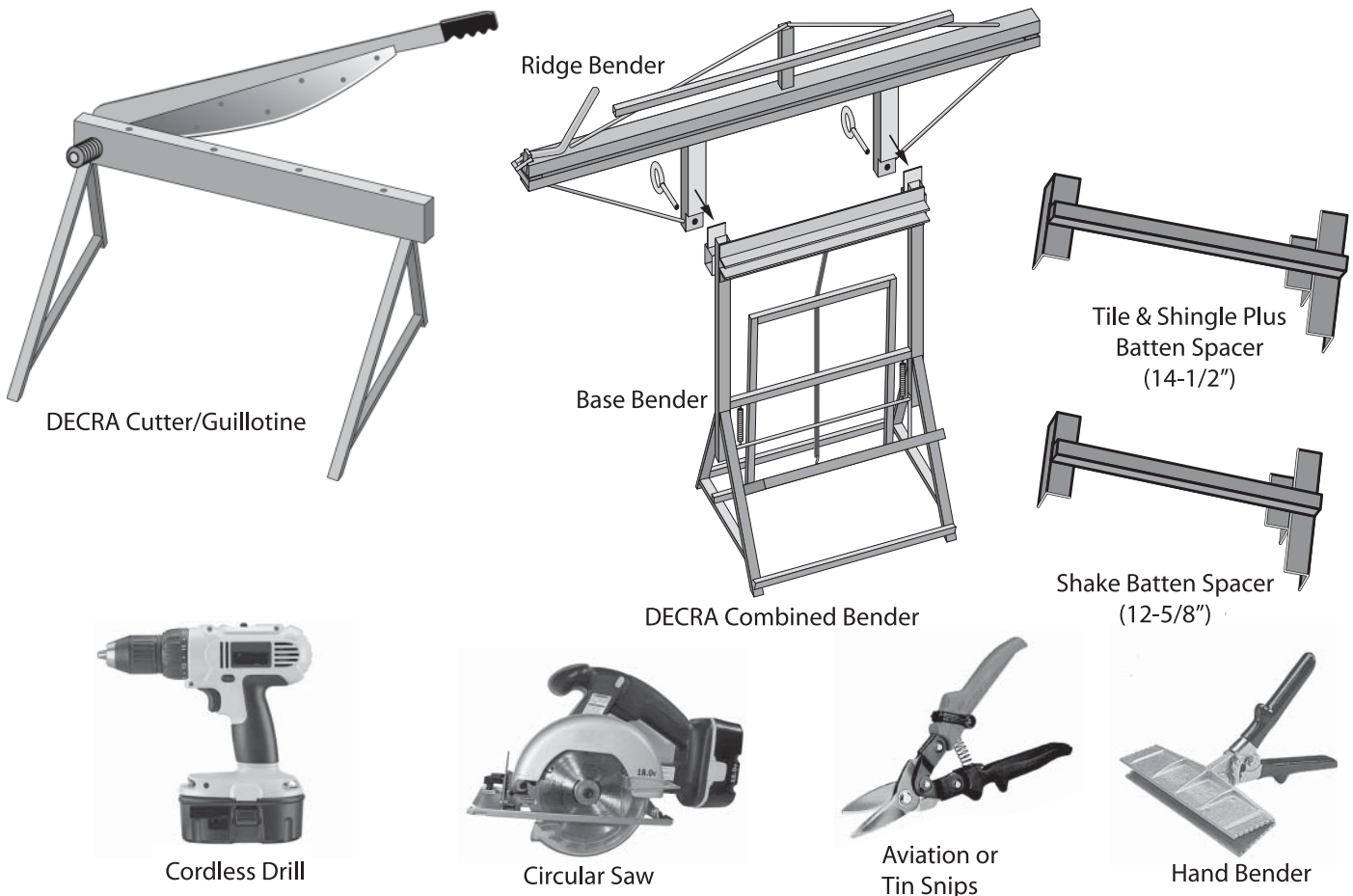
Adhere to recommended safe roofing practices. Wear appropriate clothing and use safety equipment, such as protective eyewear. Light soft-soled shoes are recommended. Use proper tools and keep the roof clear of debris as you work.

Tools:

DECRA panels may be cut using a cutter /guillotine, tin or aviation snips, or a circular saw using metal cutting blades. A portable brake (combined bender) or hand bender is recommended to bend the panels for hips, ridges and valleys. Safety equipment should be worn during the installation process.

Estimating Sheet:

Estimating sheets for both Batten and Direct to Deck applications are available at www.decra.com.



Codes & Requirements:

Refer to local codes and/or ICC Reports. A link to DECRA ICC reports is available at www.decra.com.

Roof Slope:

Although an underlayment is recommended per local code for most installations, the steel panels described in these instructions may be installed on roof slopes of 3:12 and greater without an underlayment. Roof slopes less than 3:12 are considered decorative and panels must be applied over a roof system complying with local codes.

Underlayment:

An underlayment is always recommended consistent with local code requirements. In cold climates, ice and water shield is recommended for valleys, overhangs and at the perimeter, or as required by local codes.

Deck Preparation:

New Construction

Prepare roof deck to meet local building codes.

Roof-Tear-off (Solid Deck)

If tearing off old roof, clean and prepare deck to meet local building codes.

Re-Roof-Tear-off (Skip/Spaced Sheathing)

There are two options available when skip/spaced sheathing is encountered. Either use counter battens & battens without filling or fill as necessary and install just battens.

Re-Roof Over Even Surfaces (i.e. Asphalt Shingles)

Prepare the asphalt shingles by cutting them back, flush with the fascia or rake as needed. Remove existing hip and ridge material. Either install Shake Plus or Shingle Plus without battens or Tile, Shake or Shingle Plus with battens.

Re-Roof Over Irregular Surfaces (i.e. Wood Shake or Wood Shingles)

When needed use counter battens to obtain a level surface for battens when installing over an irregular surface. Additionally, some codes require specified underlayments when roofing over wood shakes. Prepare the roof deck by removing all existing hip & ridge. Cut the existing overhang back as needed to install battens and accommodate flashings.

Do not use LEAD or COPPER with this steel roofing system because they are dissimilar metals and are not compatible.

Measuring, Cutting, Bending Panels:

Measurements are made on the roof, however, the panels are normally marked, cut and bent on the ground. Panels may be cut with a guillotine, tin snips, or circular saw with metal cutting blade. A portable brake press or hand bender is used to bend the cut edge of the panel for hips, ridges, and valleys.

Measurements should be taken using front edge of battens for accuracy.

If you are installing a system with battens, please continue to the next page. If you are installing a system direct to deck without battens, continue to page 10 of the guide.