

Wakaflex® Flashings

INSTALLATION GUIDE

The following guidelines are provided to insure proper installation of Wakaflex® Flashings, however local building codes may differ so please consult with the local building department for any different or additional installation requirements.

WALL ABUTMENTS

The area to which the butyl adhesive is applied must be clean, free of dust and dry.

The 11" Wakaflex® has three sections of plastic release film on the back, one 3" piece on both ends and a 5" middle piece.

APRON FLASHING

1. Roll out and cut a length of 11" Wakaflex the width of wall abutment plus 2" minimum for each side.
2. Position the Wakaflex® on the front side of chimney/abutment and turn-up a minimum 4" up the vertical wall.
3. Fold back and remove the top 3" (Fig. 2) and middle 5" of protective release films to expose the butyl adhesive strip.
4. Press onto wall abutment to allow the butyl strip to adhere to wall. (Fig. 3)
5. Cut corners at a 45° angle from the upper out-side down to the lower corner. (Fig. 4)
6. Fold the upper piece around to side of wall abutment (Fig. 5). Press the lower piece onto the top of the roof tile.
7. Remove the remaining protective release film. (Fig. 6)
8. Press Wakaflex® down on top of the roof tiles pressing the butyl strip to completely bond onto the top surface of the field tiles. Start at the high points of the tile profile then pressing down into the valleys for a weather-tight seal. (Fig. 7)

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



SIDE WALLS

9. Roll out and cut a length of 11" Wakaflex® the length of the abutment plus 8" to overlap the front apron piece. (Fig. 8)
10. Fold back and remove the top 3" (Fig. 2) and middle 5" of protective release films to expose the butyl adhesive strip.
11. Press onto wall abutment to allow butyl strip to adhere to wall.
12. Cut Wakaflex side wall flashing 1" past the corner of wall abutment. (Fig. 9)
13. Wrap and form onto apron piece. (Fig. 10)
14. Repeat steps 9-13 for opposite side wall abutment.

Figure 8



Figure 9



Figure 10



SADDLE FLASHING

15. Roll out and cut a length of 22" Wakaflex® the length of the back abutment plus 12". (Fig. 11)
16. Fold the Wakaflex up the back of the abutment minimum 6" and position both ends to match the outside edge of the side wall flashings.
17. Cut the upslope outside corner 1" past the vertical corner of the chimney.
18. Fold the upper piece around side of abutment. (Fig. 12)
19. Press the overlaps together.
20. Repeat steps 15-19 on the other side of the chimney.
21. The Wakaflex shall extend up the roof slope minimum of 14" either onto course of roof tiles above or integrated into underlayment.
22. The second course of roof tiles above the abutment can be installed over-lapping the Wakaflex saddle flashing. (Fig. 13)

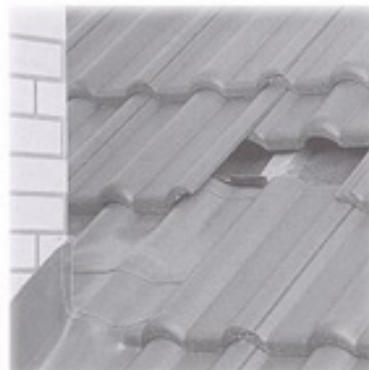
Figure 11



Figure 12



Figure 13



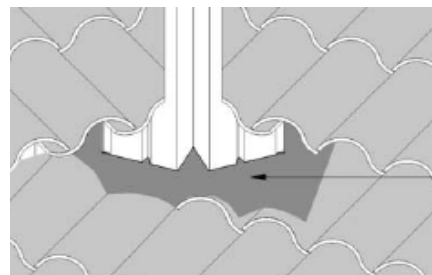
Note: If the width of the chimney or abutment is greater than 30", a cricket flashing must be used instead of a saddle flashing.

VALLEY EXTENSION

Where a typical standard metal valley flashing transitions onto an adjoining roof plane, a Wakaflex® flexible extension must be added to make certain that moisture flows from the valley and onto the courses of roof tiles below. The following necessary steps are provided to prevent water migration under the roof tiles.

1. Cut Wakaflex® of equal width of the valley metal plus additional amount to allow Wakaflex® to cover 1" minimum past the high barrel portion (crown) of a profiled tile on both sides.
2. With top surface facing up fold forward completely 6" one end of the Wakaflex® (butyl strip side is now facing upwards) place under the lower end of the valley metal.
3. Remove the 5-1/2" strip protective release film to expose butyl, press butyl strip firmly onto the bottom side of valley metal. This will prevent any windblown moisture under the valley metal.
4. Form the other portion of Wakaflex® on top of the field tile, remove the protective release film and form Wakaflex® to top side of profile tile ensuring a complete bond.

Figure 13



VALLEY JUNCTION

Where two valleys come together at the top and meet at a ridge the following necessary steps are provided to prevent water migration under the roof tile.

5. Cut Wakaflex® of equal width to form on top of the 2 pieces of valley metal extended min 6" on both sides.
6. Remove the protective film exposing the butyl strip and form on top both sides of valley metal. (Fig. 14)
7. Ensure that the top upper side of the Wakaflex is integrated into underlayment installed to prevent moisture from penetrating roof deck. (Fig. 14).

Figure 14

