DUTCH WINDMILL IN BORKEL EN SCHAFT
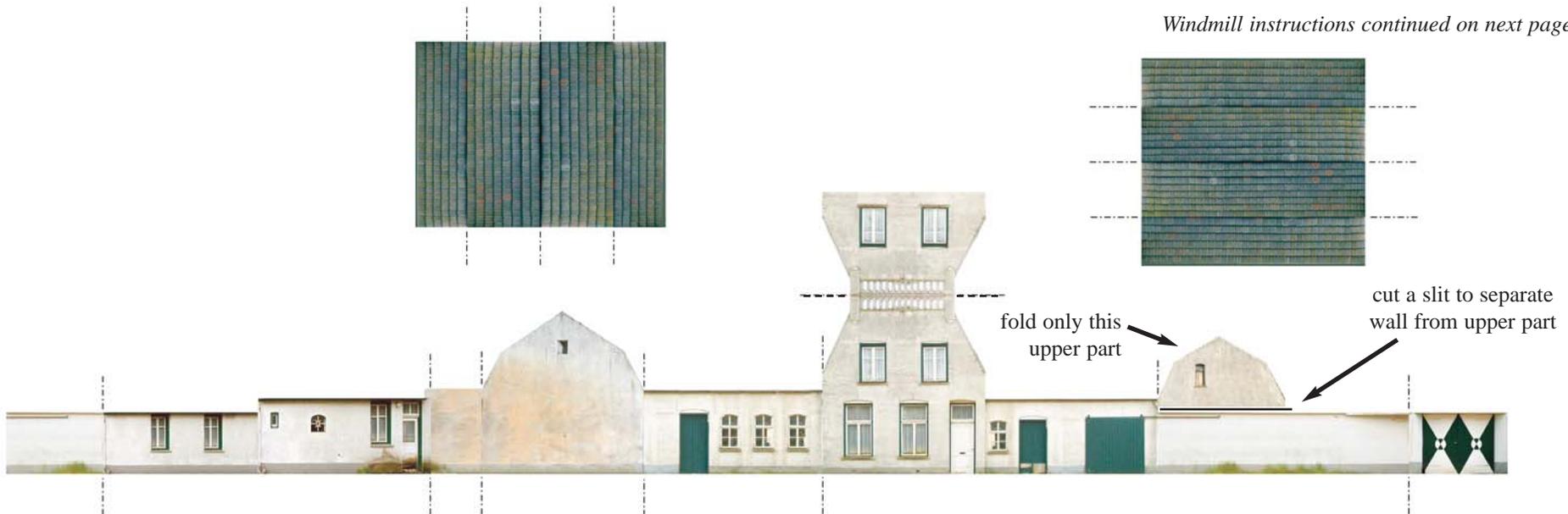

Finished windmill

TIPS FOR THIS BUILDING

- This windmill is quite complicated to build, so try out the easy buildings first.

- Print both pages on heavy weight paper (125lb. or 200g/m2).

- Cut out the building parts with a sharp hobby knife. Use a metal ruler to cut along straight lines.

- Mark the folding lines on the blank sides of the building faces. Use the hobby knife to score the lines.

- Refer to the photos at left to fold the walls correctly. Use your fingernail to make the folds sharp. Make the corners square and fir the building together to see how it looks.

- Cut the base out of cardboard or styrofoam using the template on the second page. You may need more than one layer to get the right thickness. Glue the base a few millimeters from the bottom edges of the walls. The small gap between the base and the wall edges will allow the model to sit in your terrain rather than on top of it.

- Check how the roofs fit and fold them accordingly. You can glue them in place or leave them unglued so they remain detachable. In that last case, use two triangular pieces of cardboard or styrofoam and glue inside the roofs to make them sturdy.

Windmill instructions continued on next page...

fold only this
upper part

cut a slit to separate
wall from upper part

page 1 of 2

Roof
top

65mm

bottom of hill

top of hill

mill

38mm

28mm

53mm 35mm 43mm

- Cut the wall of the mill just next to the windows (as marked) to make the seam less noticeable. Make a slightly tapered cylinder. You may wish to glue the walls around a coin for a base.

- Mark the folding lines and use a knife to score the white inside of the roof. Fold the roof and use your fingernail to make the folds sharp. Curve the sides and glue together. Check how it fits on the wall and cut the edge accordingly in a round shape.

- Use plastic or wood to make beams in the lengths shown at left. Stick the 28mm and 35mm beams through the roof as shown in the photos. Attach the other beams to those beams as shown in the photo and diagram at left

- Attach 4 strips of screen mesh to the 65mm beams to form the sails of the windmill.

- Paint the hill to green resemble grass. Green sawdust or flocking makes a nice textured ground cover. Use balsa wood or similar material for a roof over the little building next to the hill. Add chimneys or other details as desired.

- Protect your model with a coat of spray matte varnish.

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