

USING STAINLESS STEEL WEAVE MOLD STRIPS

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WEAVING MOLD STRIPS

- *Sturdy stainless steel construction.*
- *Available in 4 different widths.*
- *Can be used with any size space.*
- *Already sandblasted ready for kiln wash.*
- *Thousands of different possible patterns.*

KILNWASH

Kilnwash applies easiest if the mold is hot. A good way to heat molds is to place them on your kiln lid while it's firing. Putting them on a piece of tin foil or on a cookie tray will prevent kiln wash from running onto the kiln lid. Apply at least 4 solid coats.

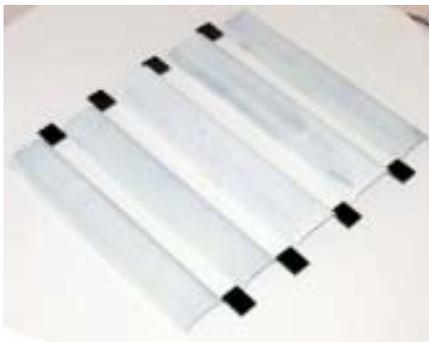
Weaving strips are slumped at temperatures that cause kiln wash to deteriorate. You should apply a fresh coat after each firing.

DEPTH ALLOWANCE

Mold strips are 1/4 in. high to allow for a 1/8 in. or slightly thicker glass to be easily inserted into the slump. If you want to use thicker glass, you can elevate the strips by shimming them up inside. Strips of clear float glass work well for this.

LAYING OUT MOLD STRIPS

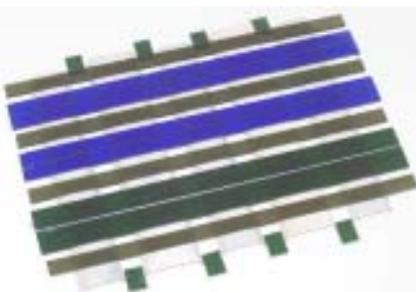
Cut carefully sized pieces of glass to set between the mold strips to create accurate spacing. Remove these pieces before firing. For all slumps 3/4" or wider, use the actual size space you want for the cross weave piece.



For smaller span slumps, make the spacer 1/16" or 1/8" wider than the piece of glass you want to weave in. Slumps on short spans won't drop fully into the space so it is then necessary to allow extra width for the cross weave piece.

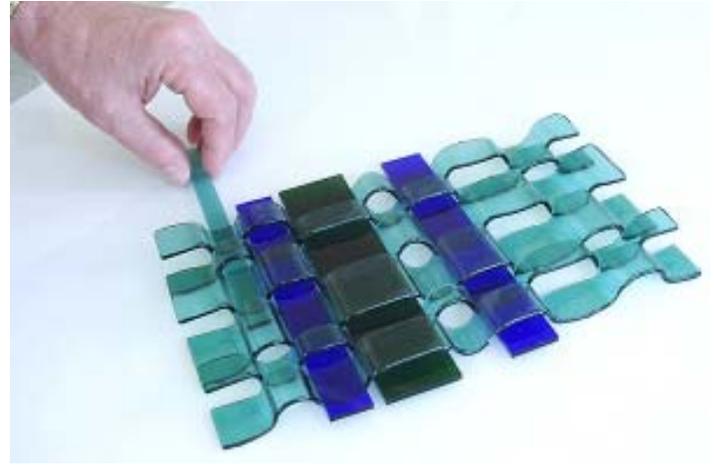
PLACING THE GLASS ON THE MOLD STRIPS

Position the strips to start and end at the same places on the molds and be careful to leave at least 1/8" between each strip of glass to ensure they won't stick together.



MAKING THE WEAVE

After slumping the mold strips, set them out alternating one up and one down and insert the cross strips through each slumped strip. If you didn't get a full depth slump, you may have to cut the cross strips slightly undersized.



SUGGESTED FIRING SCHEDULE

Slump 1/8 in. (3mm) thick strips COE 96 glass.

SEGMENT	RAMP <u>dph</u>	TEMP <u>°F</u>	HOLD <u>minutes</u>
1	400	1000	20
2	1200	1300	45
3	AFAP	960	30
4	400	100	OFF

Fuse the finished weave.

1	400	1000	20
2	1200	1350	20
3	AFAP	960	60
4	400	100	OFF

COE 90 glass, increase all temperatures (middle column) 20 degrees F.

Clear architectural or float glass, increase all temperatures (middle column) 50 degrees F.

1/4 in. (6mm) thick glass, decrease ramp speeds in Segments 1 & 4 to 300 degrees per hour.

