Fused glass Christmas scene

Create your own Christmas scene using fusing glass, frit, noodles, stringers and our Santa, Sleigh and Reindeer Silhouettes decals.

You will need to following to create this project:

- Oceanside 96 Ice clear base glass
- Clear & White Wispy - Oceanside 96 glass
- White Opaque - Oceanside 96 glass
- Oceanside 96 frit F5 grade in your choice of greens
- Oceanside 96 noodles/stringers in brown
- CGG Decals santa, sleigh and reindeers
- UGC Accents - Crystal Ice (optional)
- Kiln
- Papyros paper
- Primed mould (optional)

The process

1 **Cut a piece of ice, a piece of wispy white and clear for the sky and a piece of opaque white for the snow and fire on a full fuse**

Cut to the size of your choice our final piece is 28 x 15cm. See full fuse firing schedule overleaf.

2 **Once fired you can then add your decals**

Cut out your decals, soak them in warm water, leave them for a few minutes then remove from the water and slide off the backing paper and onto your glass. Use a squegee or a cloth to gently push the excess water out of the decals so they sit flat on the glass.

3 **Add your frit to create the trees and use noodles or stringers for the stump**

Add various frits to create your trees, we used frit grade F5 in transparent and opaque colours. Then add your noodles/stringers for the stumps.

4 **You can also add a moon in the sky using UGC Accents - Crystal Ice (optional)**

5 **Fire in the kiln on a contour fuse**

See contour fuse firing schedule overleaf.

6 **If you like you can then slump into a mould of your choice, we slumped over a Large S Curve**

System 96 full fuse

Separate glass layers are completely cojoined into a single uniform layer.

Forming temp 780-800°C

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1. Initial heat	222°C/hr	to 677°C	0:45
2. Rapid heat process soak	AFAP* or 9999°C/hr	to 796°C**	0:12
3. Rapid cool anneal soak	AFAP* or 9999°C/hr	to 510°C	1:30
4. Anneal cool	100°C/hr	to 427°C	0:10
5. Cool to room temp	AFAP* OR 9999°C/hr	to 40°C	0:00
6. END	-	-	-

System 96 contour fuse

Edges are soft and rounded. Project surface retains a degree of definition desired by the artist.

Forming temp 760-780°C

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1. Initial heat	150°C/hr	to 677°C	0:45
2. Rapid heat process soak	AFAP* or 9999°C/hr	to 765°C**	0:12
3. Rapid cool anneal soak	AFAP* or 9999°C/hr	to 510°C	2:00
4. Anneal cool	66°C/hr	to 427°C	0:05
5. Cool to room temp	AFAP* OR 9999°C/hr	to 40°C	0:00
6. END	-	-	-

System 96 slump (optional)

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1. Initial heat	66°C/hr	to 148°C	0:15
2. Slow heat process soak	148°C/hr	to 593°C	0:20
3. Top heat	66°C/hr	to 657°C**	0:25
4. Anneal cool	204°C/hr	to 510°C	1:00
5. Slow cool anneal cool	66°C/hr	to 427°C	0:10
6. Cool to room temp	AFAP* OR 9999°C/hr	to 40°C	0:00
7. END	-	-	-

*AFAP = as fast as possible, some controllers will not allow a rate of 9999°C /hr
** Will vary depending on desired result and kiln

This data is a guide only, firing programmes may need to be adjusted according to size and thickness of glass and the kiln's performance. Ensure that data is entered into the controller accurately, otherwise glass may not fuse correctly.