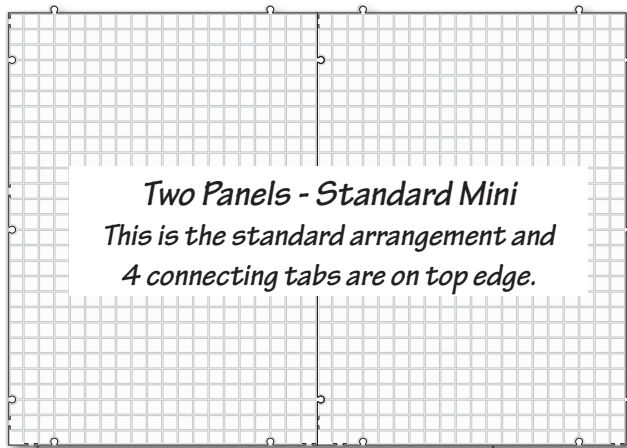
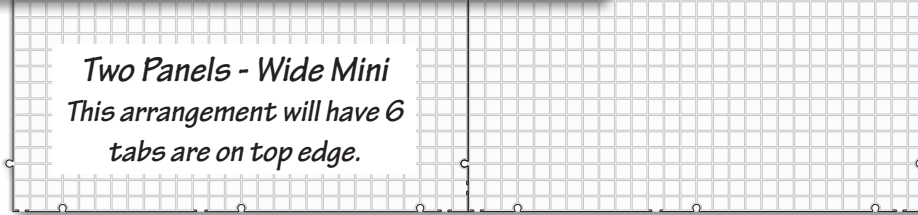


# SS02P Mini Surface Plus

**Important:** Be sure to save this PDF to you desktop and open it in Adobe Reader. Most web browsers do not support the interactive PDF features of this PDF.



**Two Panels - Standard Mini**  
This is the standard arrangement and 4 connecting tabs are on top edge.



**Two Panels - Wide Mini**  
This arrangement will have 6 tabs are on top edge.

The new multi-panel surface functions like all previous Morton Surfaces. It replaces the LS01 Maxi Surface, SS02 Mini surface and SM03 Super Mini Surface.

The original Mini Surface is 40 cells wide and 25 cells tall. The new design gives you a more functional Mini Surface that is 40 cells wide and 28 cells tall (22.5 x 15.75 inches) (572 x 401 mm). If you are a Portable Glass Shop user, the expanded height of the new surface adds a great deal of function to the PG01B.

If you are not going to use your Morton Surface with the Portable Glass Shop, you will with not need to add any numbers or marks to the surface panels. All that is needed is to connect the two panels in one of two ways. See above “standard” or “wide”.

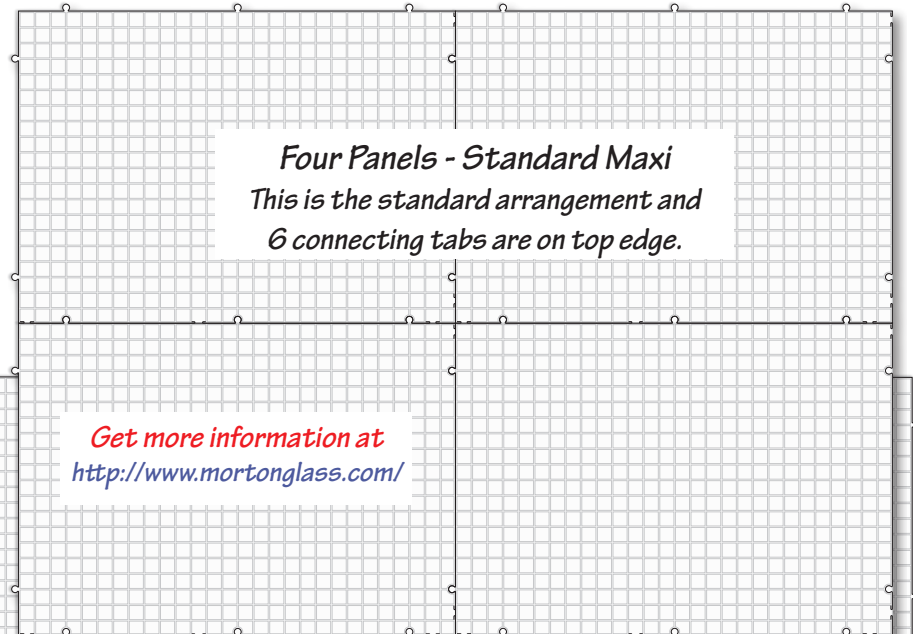
If you need the larger Maxi Surface, the multi-panel concept make expanding easy. The original Maxi Surface is 56 cells wide and 40 cells tall. The new multi-panel design lets you add a second 2 panel Mini Surface Plus to make a 4 panel Maxi Surface that has the same 56 x 40 cell design of the original Maxi Surface.



If Audio help appears to be playing but no sound, check if your speakers are on and the volume is up. If nothing happens when you try to activate Audio help, your Adobe Reader may need to be updated. Go to <http://www.adobe.com> for updates.

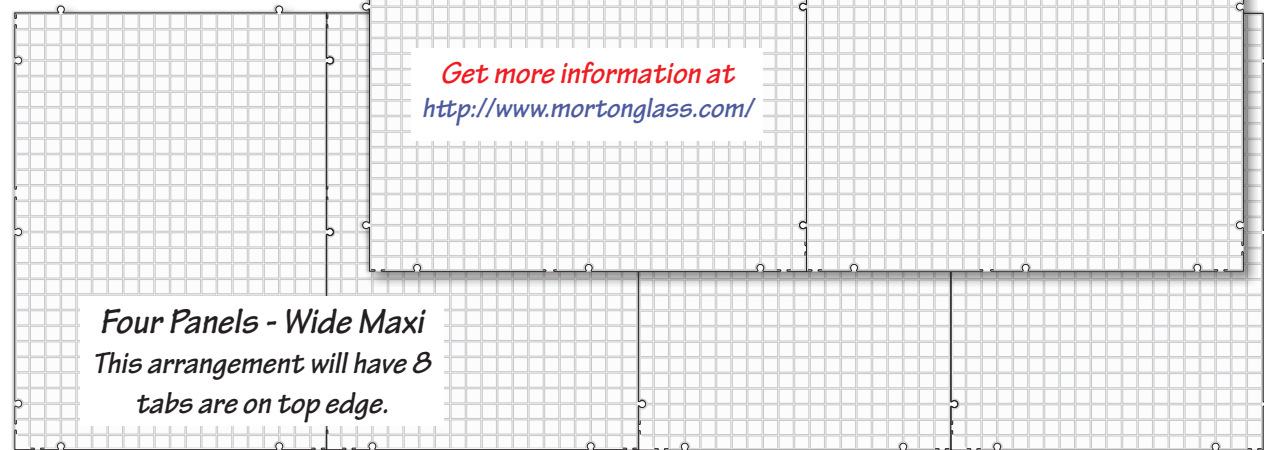
## Using and Storing Considerations

Before you start using your glass cutting surface, be sure that your work table is free of glass chips and is flat and unyielding. Always store panels in a flat stack and avoid storing heavy objects on top of your panels. Avoid extreme heat situations like cars in a hot sun or resting on or against room heaters or radiators.



**Four Panels - Standard Maxi**  
This is the standard arrangement and 6 connecting tabs are on top edge.

Get more information at  
<http://www.mortonglass.com/>



**Four Panels - Wide Maxi**  
This arrangement will have 8 tabs are on top edge.

# The Multi-Panel Morton Glass Cutting Surface - SSO2P Mini Surface Plus

## Numbering the 2 panel Mini Surface For the Portable Glass Shop

You will add numbers and marks to your surface to make it functional with the Portable Glass Shop and Circle & Border System. In the past, numbers and marks were added in pencil or with a fine point Sharpie. Writing in the numbers remains an option but there is also a new method available.

Page 6 has numbered squares that can be printed out and used to number the surface panels. It is important that you print out page 6 at 100% or with no scaling checked.

Cut out the numbered paper squares and paste them in the cells as shown by the diagram.

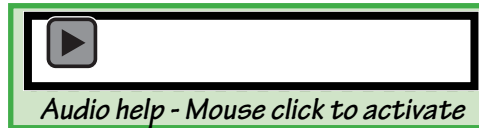
Use a craft glue to paste the numbered squares into the cell pockets. A good technique is to add a small drop of craft glue to the cell and then drop the numbered paper square into the cell. Use a small wood or plastic object to tamp the paper squares into the glue.

Adding the dots and darkening the cell walls is best done with a black Sharpie marker.

On pages 7 and 8 you will find larger diagrams of the "A" and "B" panels. You may want to print these pages as a guide to your surface numbering.

Page 6 has angle settings for your surface that can be used as a replacement label for component 15 in your PG01B. The black circle, with a white number, indicates the version of angle settings needed for each Morton Surface model.

Review pages 6-10 before starting.



If Audio help appears to be playing but no sound, check if your speakers are on and the volume is up.

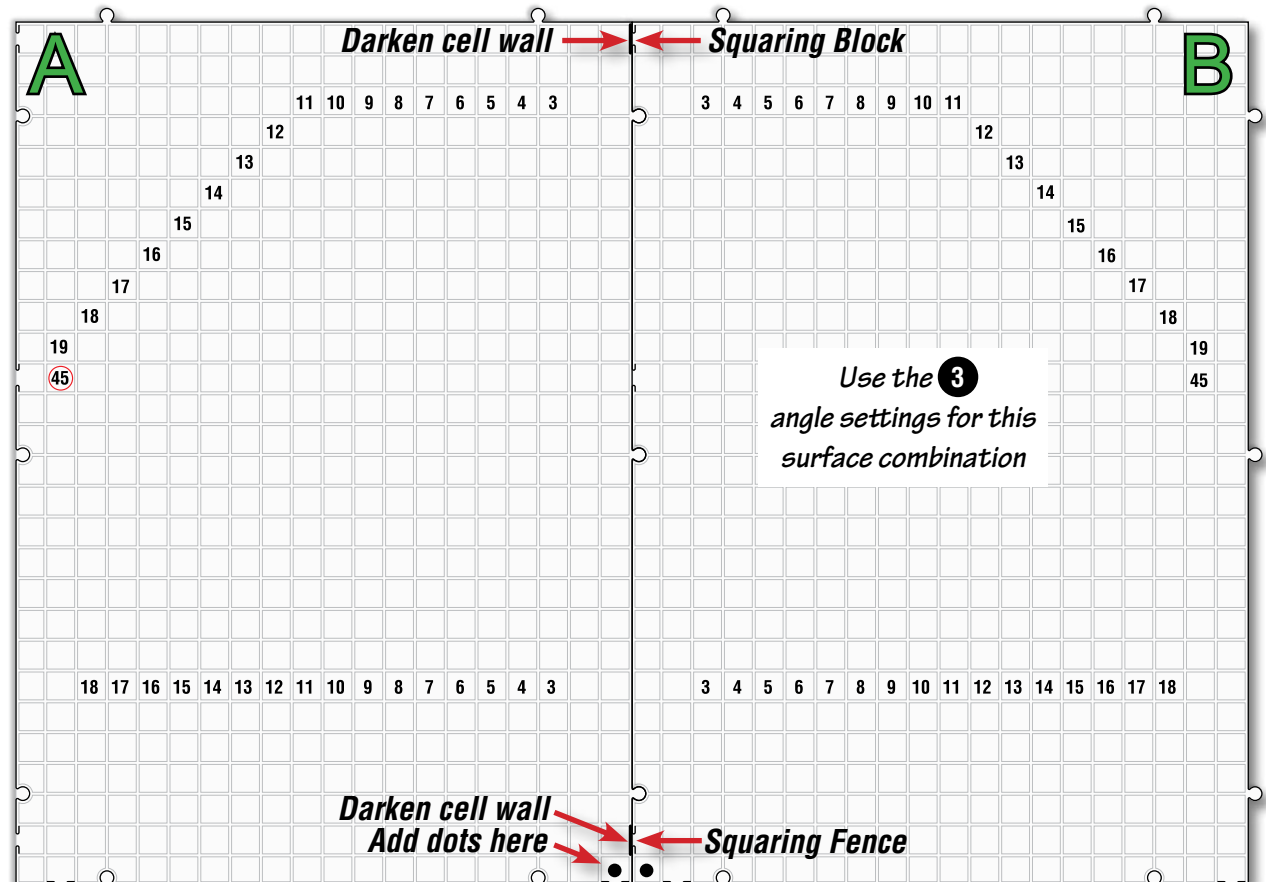
If nothing happens when you try to activate Audio help, your Adobe Reader may need to be updated

Go to <http://www.adobe.com> for updates.

Get more information at <http://www.mortonglass.com>

## Tools & Shopping List

- Scissors or craft knife
- Page 6 printed out at 100%
- A small bottle of Craft Glue
- Small wood or plastic object. Used to tamp the paper squares into the glue. Something with a flat bottom will work best.
- A straight pin might be helpful to position paper squares.



# The Multi-Panel Morton Glass Cutting Surface - SSO2P Mini Surface Plus

## Numbering the 2 panel Mini Surface For the Portable Glass Shop and Circle & Border System

You will add numbers and marks to your surface to make it functional with the Portable Glass Shop and Circle & Border System. In the past, numbers and marks were added in pencil or with a fine point Sharpie. Writing in the numbers remains an option but there is also a new method available.

Page 6 has numbered squares that can be printed out and used to number the surface panels. It is important that you print out page 6 at 100% or with no scaling checked.

Cut out the numbered paper squares and paste them in the cells as shown by the diagram.

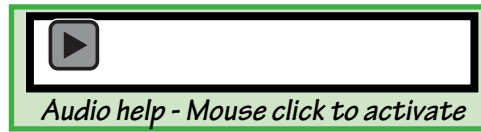
Use a craft glue to paste the numbered squares into the cell pockets. A good technique is to add a small drop of craft glue to the cell and then drop the numbered paper square into the cell. Use a small wood or plastic object to tamp the paper squares into the glue.

Adding the dots and darkening the cell walls is best done with a black Sharpie marker.

On pages 7 and 8 you will find larger diagrams of the "A" and "B" panels. You may want to print these pages as a guide to your surface numbering.

Page 6 has angle settings for your surface that can be used as a replacement label for component 15 in your PG01B. The black circle, with a white number, indicates the version of angle settings needed for each Morton Surface model.

Review pages 6-10 before starting.



If Audio help appears to be playing but no sound, check if your speakers are on and the volume is up.

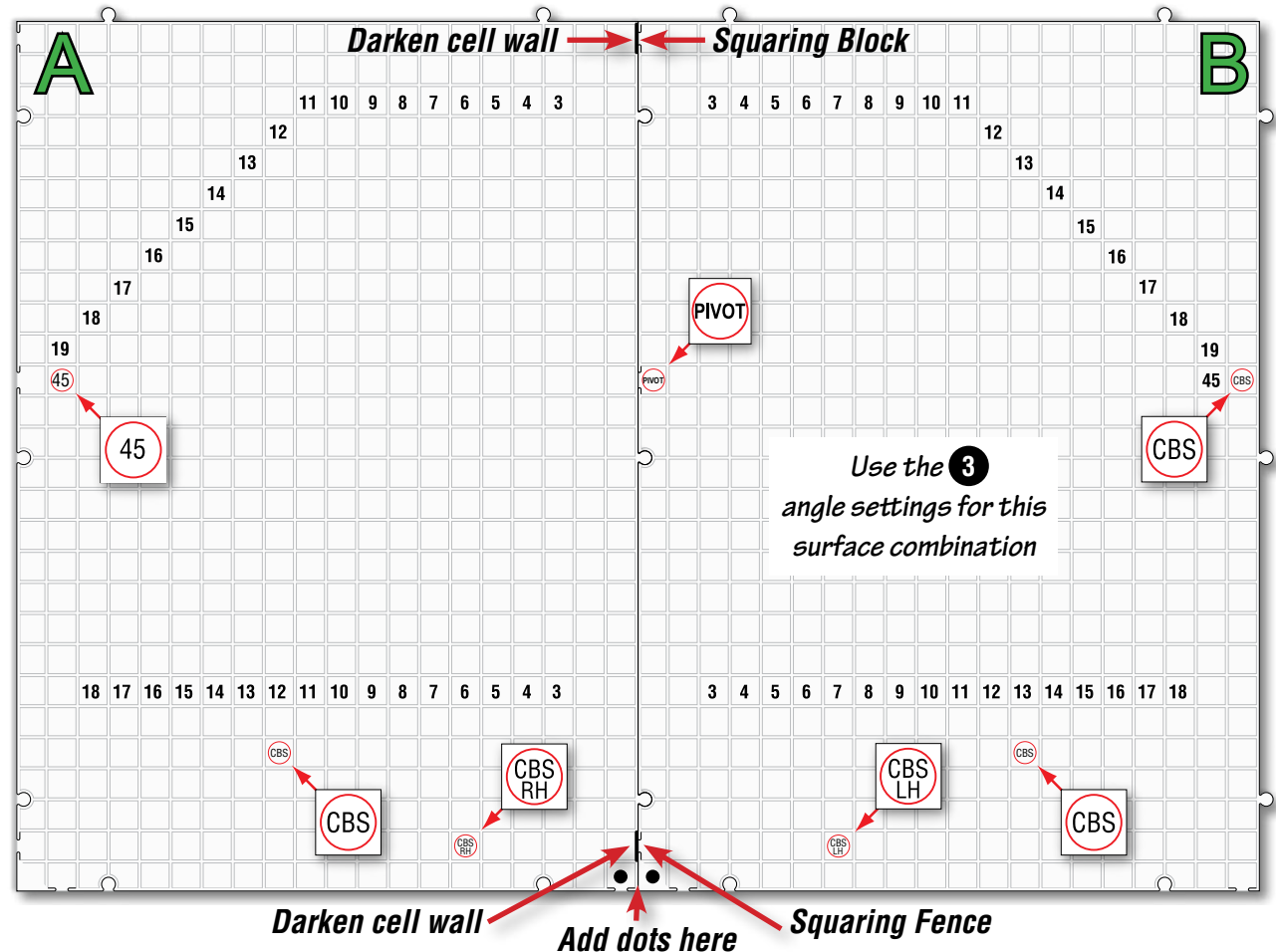
If nothing happens when you try to activate Audio help, your Adobe Reader may need to be updated

Go to <http://www.adobe.com> for updates.

## Tools & Shopping List

- Scissors or craft knife
- Page 6 printed out at 100%
- A small bottle of Craft Glue
- Small wood or plastic object. Used to tamp the paper squares into the glue. Something with a flat bottom will work best.
- A straight pin might be helpful to position paper squares.

Get more information at <http://www.mortonglass.com>



# The Multi-Panel Morton Glass Cutting Surface - SS02P Mini Surface Plus

## Numbering the 4 panel Maxi Surface For the Portable Glass Shop

The multi-panel concept makes it possible to have a 2 panel Mini or a 4 panel Maxi to use with your PB01B & CBS1. You will need to purchase two sets of the SS02P Mini Surface Plus.

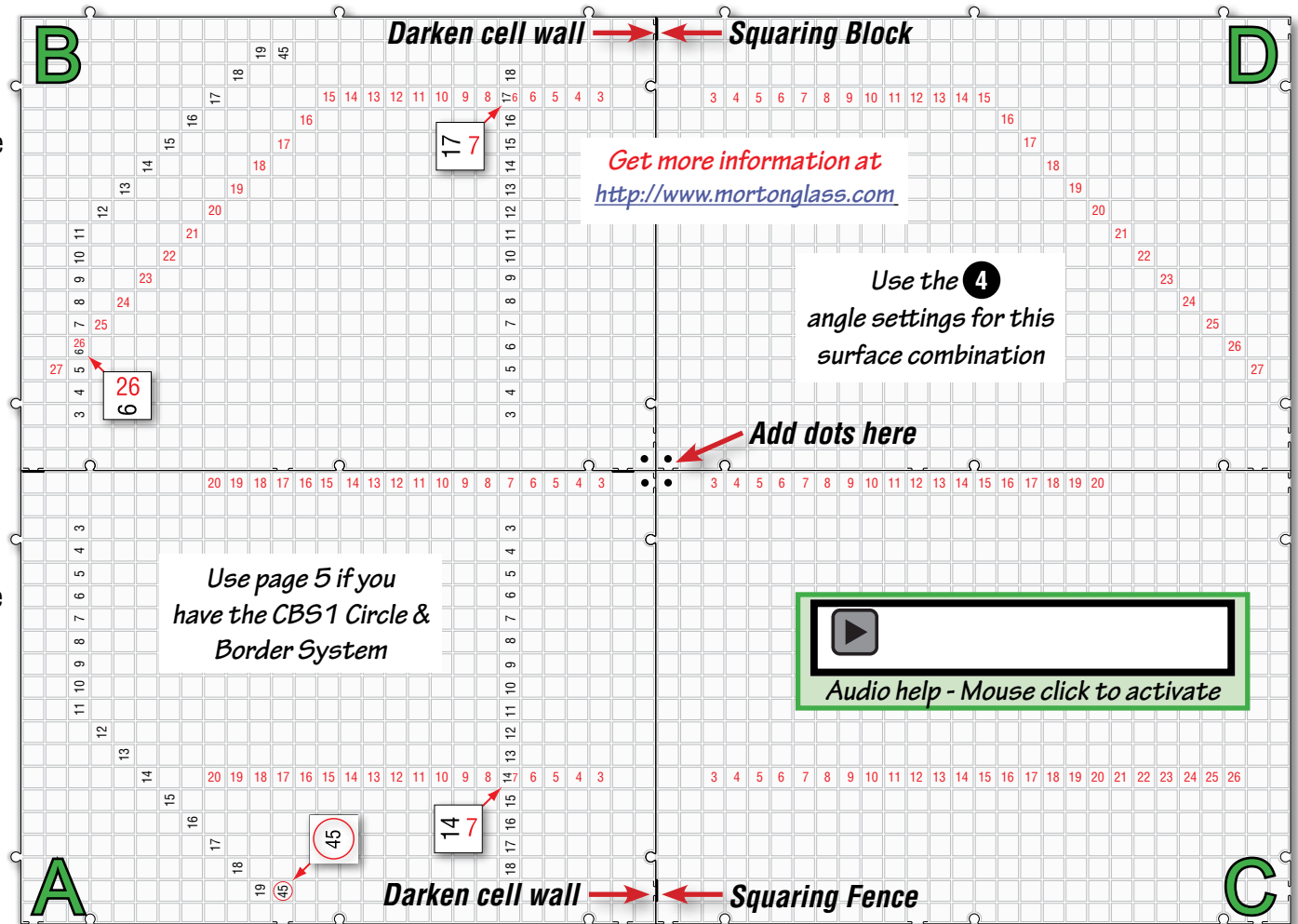
**Note:** If you do not want the Mini Surface markings just omit the black numbers or remove them at any time.

The 4 panel Maxi Surface is the same size as the previous one piece Maxi Surface that it replaces. Pages 7-10 are enlarged diagrams of each numbered and marked panel. Page 6 has all the numbered squares needed for the layouts. You can print pages 6-10, cut out the numbered paper squares on page 6 and paste them in the cells shown by the diagrams on pages 7-10.

Use a craft glue to paste the numbered squares into the cell pockets. A good technique is to add a small drop of craft glue to the cell and then drop the numbered paper square into the cell. Use a small wood or plastic object to tamp the paper squares into the glue.

Adding the dots and darkening the cell walls is best done with a black Sharpie marker.

The surface numbers and marks are used to set common angles. To make it easy to switch from one surface to another, the PG01B recipe label will now include all



surface models since 1980.

- ① SS02 - one piece Mini Surface - 1980 - 2011
- ① SM03 - one piece Super Mini - 2005 - 2011
- ② LS01 - one piece Maxi Surface - 1980 - 2011
- ③ 2 panel - SS02P - Mini Surface Plus
- ④ 4 panel - Maxi Surface ( two 2 panel SS02P )

The new label can be printed and added to the PG01B 4 inch plastic recipe card (see page 6).

Angle code for 2 panel Mini  
Use black numbers

3	Two Panel Mini Surface Plus
	45° - P45 Cover 3 Sm
	54° - P17 Cover 4 Lg
	60° - P15 Show 3 Sm
	67.5° - P13 Cover 6 Sm
	72° - P11 Cover 3 Lg
	75° - P10 Show 5 Sm
82.5° - P6 Cover 2 Lg	

Angle code for 4 panel Maxi  
Use red numbers

4	Four Panel Maxi Surface
	45° - P27 Show 3 Sm
	54° - P23 Show 2 Sm
	60° - P21 Cover 6 Lg
	67.5° - P17 Show 3 Lg
	72° - P15 Cover 5 Lg
	75° - P13 Cover 5 Lg
82.5° - P8 Show 4 Lg	

# The Multi-Panel Morton Glass Cutting Surface - SS02P Mini Surface Plus

## Numbering the 4 panel Maxi Surface For the Portable Glass Shop and Circle & Border System

The multi-panel concept makes it possible to have a 2 panel Mini or a 4 panel Maxi to use with your PB01B & CBS1 You will need to purchase two sets of the SS02P Mini Surface Plus.

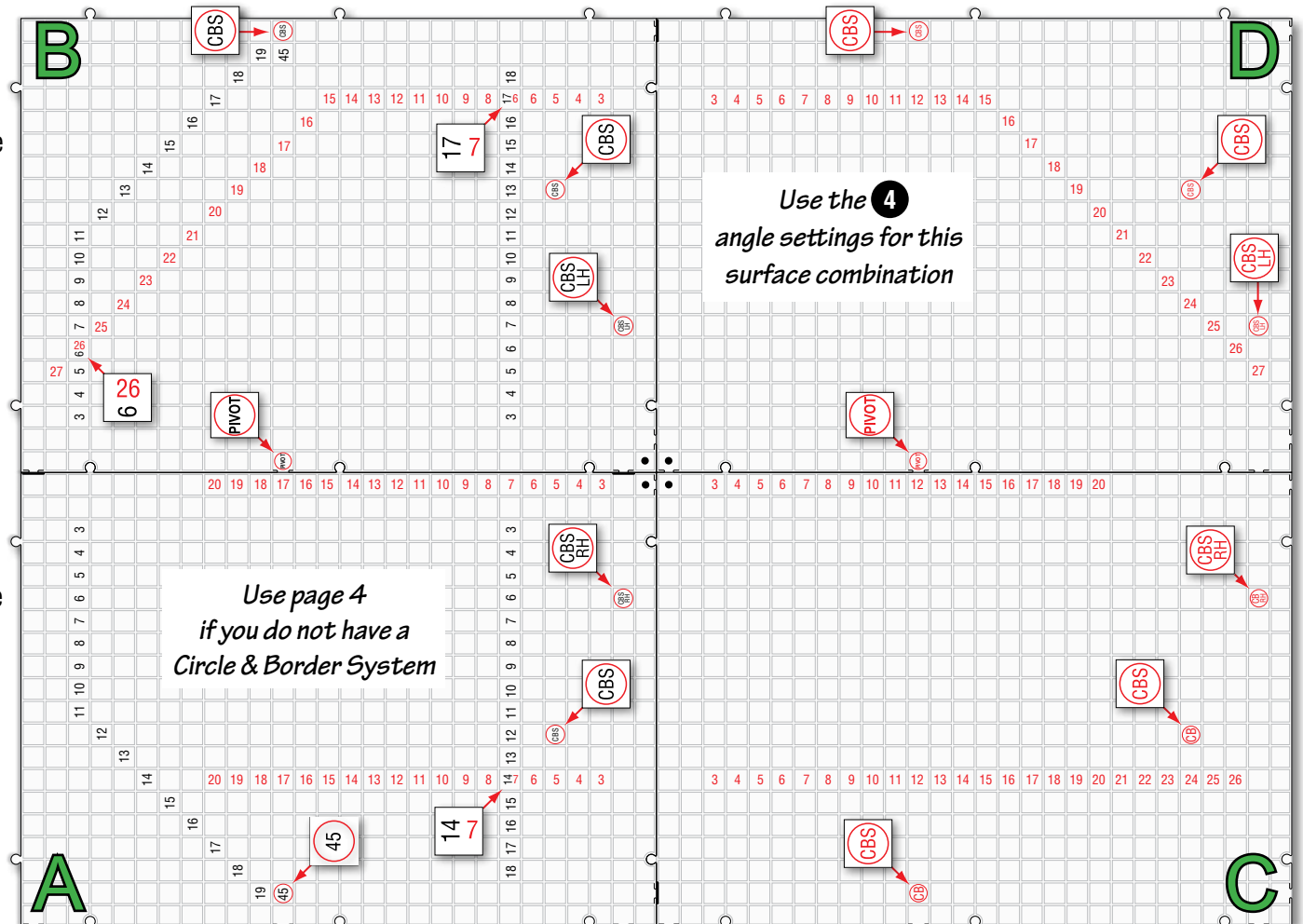
*Note:* If you do not want the Mini Surface markings just omit the black numbers or remove them at any time.

The 4 panel Maxi Surface is the same size as the previous one piece Maxi Surface that it replaces. Pages 7-10 are enlarged diagrams of each numbered and marked panel. Page 6 has all the numbered squares needed for the layouts. You can print pages 6-10, cut out the numbered paper squares on page 6 and paste them in the cells shown by the diagrams on pages 7-10.

Use a craft glue to paste the numbered squares into the cell pockets. A good technique is to add a small drop of craft glue to the cell and then drop the numbered paper square into the cell. Use a small wood or plastic object to tamp the paper squares into the glue.

Adding the dots and darkening the cell walls is best done with a black Sharpie marker.

The surface numbers and marks are used to set common angles. To make it easy to switch from one surface to another, the PG01B recipe label will now include all

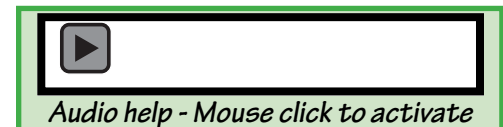


surface models since 1980.

- ① SS02 - one piece Mini Surface - 1980 - 2011
- ① SM03 - one piece Super Mini - 2005 - 2011
- ② LS01 - one piece Maxi Surface - 1980 - 2011
- ③ 2 panel - SS02P - Mini Surface Plus
- ④ 4 panel - Maxi Surface ( two 2 panel SS02P )

The new label can be printed and added to the PG01B 4 inch plastic recipe card (see page 6).

Get more information at <http://www.mortonglass.com>



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# Numbered Squares for Multi-Panel Surfaces



**3** **D** panel numbers

Number and mark your panels by printing this page, cutting out the squares and pasting them into the cells using craft glue.

**4** **18**

**5** **19**

**6** **20**

**7** **21**

**8** **22**

**9** **23**

**10** **24**

**11** **25**

**12** **26**

**13** **27**

**14** **(CBS)**

**15** **(CBS)**

**16** **(CBS LH)**

**17** **(PIVOT)**

**A** panel numbers

	<b>3</b>	<b>3</b>	<b>15</b>
<b>3</b>	3	3	15
<b>4</b>	4	4	16
<b>5</b>	5	5	17
<b>6</b>	6	6	18
<b>7</b>	7	7	19
<b>8</b>	8	8	20
<b>9</b>	8	8	<b>(45)</b>
<b>10</b>	9	9	<b>(CBS)</b>
<b>11</b>	10	10	<b>(CBS RH)</b>
<b>12</b>	11	11	15
<b>13</b>	12	12	16
<b>14</b>	13	13	17
<b>15</b>	14	14	18
<b>16</b>	15	15	19
<b>17</b>	16	16	20

Use this label to modify component 15 of your PG01B. You can cut out and paste the label to the 4 inch plastic square or a piece of poster board.

**B** panel numbers

	<b>3</b>	<b>14</b>
<b>3</b>	3	14
<b>4</b>	4	15
<b>5</b>	5	16
<b>6</b>	6	17
<b>7</b>	7	18
<b>8</b>	7	18
<b>9</b>	8	19
<b>10</b>	8	19
<b>11</b>	9	20
<b>12</b>	9	20
<b>13</b>	10	21
<b>14</b>	10	21
<b>15</b>	11	22
<b>16</b>	11	22
<b>17</b>	12	23
<b>18</b>	12	23
<b>19</b>	13	24
<b>20</b>	13	24
<b>21</b>	14	25
<b>22</b>	14	25
<b>23</b>	15	26
<b>24</b>	15	26
<b>25</b>	16	27
<b>26</b>	16	27
<b>27</b>	17	28
<b>28</b>	17	28
<b>29</b>	18	29
<b>30</b>	18	29
<b>31</b>	19	30
<b>32</b>	19	30
<b>33</b>	20	31
<b>34</b>	20	31
<b>35</b>	21	32
<b>36</b>	21	32
<b>37</b>	22	33
<b>38</b>	22	33
<b>39</b>	23	34
<b>40</b>	23	34
<b>41</b>	24	35
<b>42</b>	24	35
<b>43</b>	25	36
<b>44</b>	25	36
<b>45</b>	26	37
<b>46</b>	26	37
<b>47</b>	27	38
<b>48</b>	27	38
<b>49</b>	28	39
<b>50</b>	28	39
<b>51</b>	29	40
<b>52</b>	29	40
<b>53</b>	30	41
<b>54</b>	30	41
<b>55</b>	31	42
<b>56</b>	31	42
<b>57</b>	32	43
<b>58</b>	32	43
<b>59</b>	33	44
<b>60</b>	33	44
<b>61</b>	34	45
<b>62</b>	34	45
<b>63</b>	35	46
<b>64</b>	35	46
<b>65</b>	36	47
<b>66</b>	36	47
<b>67</b>	37	48
<b>68</b>	37	48
<b>69</b>	38	49
<b>70</b>	38	49
<b>71</b>	39	50
<b>72</b>	39	50
<b>73</b>	40	51
<b>74</b>	40	51
<b>75</b>	41	52
<b>76</b>	41	52
<b>77</b>	42	53
<b>78</b>	42	53
<b>79</b>	43	54
<b>80</b>	43	54
<b>81</b>	44	55
<b>82</b>	44	55
<b>83</b>	45	56
<b>84</b>	45	56
<b>85</b>	46	57
<b>86</b>	46	57
<b>87</b>	47	58
<b>88</b>	47	58
<b>89</b>	48	59
<b>90</b>	48	59
<b>91</b>	49	60
<b>92</b>	49	60
<b>93</b>	50	61
<b>94</b>	50	61
<b>95</b>	51	62
<b>96</b>	51	62
<b>97</b>	52	63
<b>98</b>	52	63
<b>99</b>	53	64
<b>100</b>	53	64

**C** panel numbers

	<b>24</b>	<b>8</b>	<b>16</b>
<b>3</b>	3	10	17
<b>4</b>	4	11	18
<b>5</b>	5	12	19
<b>6</b>	6	13	20
<b>7</b>	7	14	21
<b>8</b>	8	15	22
<b>9</b>	9	16	23
<b>10</b>	24	8	16
<b>11</b>	25	9	17
<b>12</b>	26	10	18
<b>13</b>	3	11	19
<b>14</b>	4	12	20
<b>15</b>	5	13	<b>(CBS)</b>
<b>16</b>	6	14	<b>(CBS)</b>
<b>17</b>	7	15	<b>(CBS RH)</b>

**Original One Piece**  
Mini & Super Mini

45° - P21 Cover 2 Lg  
54° - P18 Show 4 Lg  
60° - P16 Cover 4 Lg  
67.5° - P12 Show 1 Sm  
72° - P10 Show 1 Lg  
75° - P9 Show 2 Lg  
82.5° - P6 Show 3 Sm

**Original One Piece**  
Maxi Surface

45° - P28 Show 3 Lg  
54° - P22 Cover 1 Lg  
60° - P18 Show 2 Sm  
67.5° - P15 Show 5 Lg  
72° - P13 Show 5 Sm  
75° - P11 Cover 1 Lg  
82.5° - P8 Cover 5 Lg

**Four Panel**  
Maxi Surface

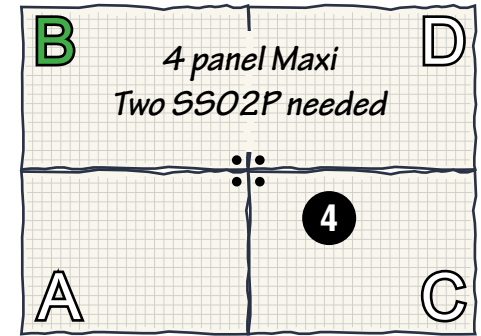
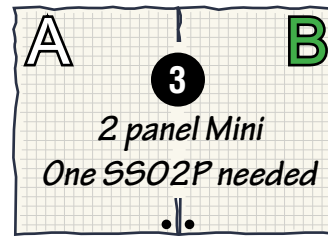
45° - P27 Show 3 Sm  
54° - P23 Show 2 Sm  
60° - P21 Cover 6 Lg  
67.5° - P17 Show 3 Lg  
72° - P15 Cover 5 Lg  
75° - P13 Cover 5 Lg  
82.5° - P8 Show 4 Lg

**Two Panel**  
Mini Surface Plus

45° - P45 Cover 3 Sm  
54° - P17 Cover 4 Lg  
60° - P15 Show 3 Sm  
67.5° - P13 Cover 6 Sm  
72° - P11 Cover 3 Lg  
75° - P10 Show 5 Sm  
82.5° - P6 Cover 2 Lg



This page shows the markings for the “B” panel. If you only have two panels you will not need the red numbers. If you do not have a Circle & Border System you will not need to add the red circles except for the number 45 on the “A” panel. If you do have a Circle and Border System add the red circles with the black letters to this panel.



*Angle code for 2 panel Mini  
Use black numbers*

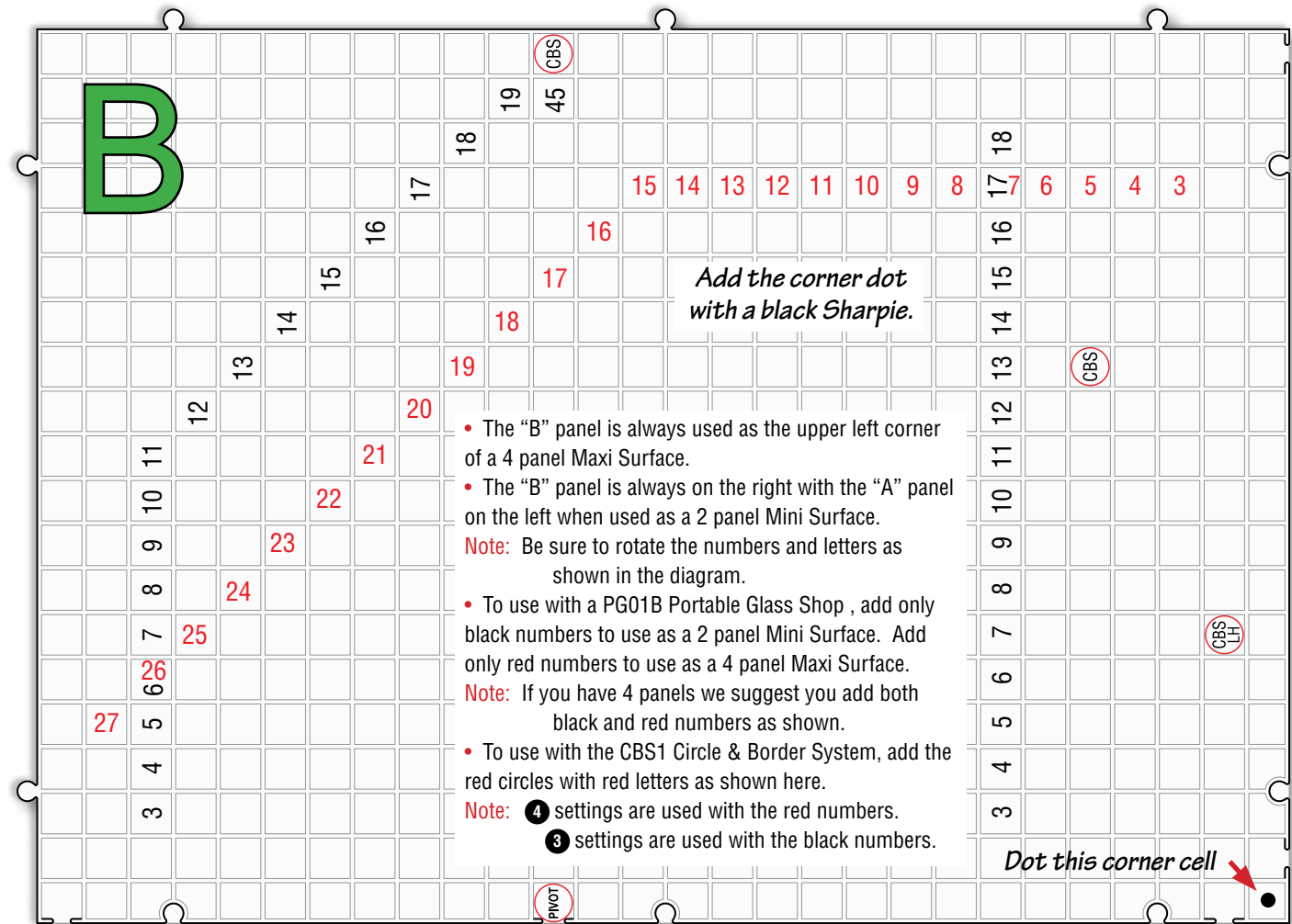
**3** Two Panel  
Mini Surface Plus

45° - P45 Cover 3 Sm  
 54° - P17 Cover 4 Lg  
 60° - P15 Show 3 Sm  
 67.5° - P13 Cover 6 Sm  
 72° - P11 Cover 3 Lg  
 75° - P10 Show 5 Sm  
 82.5° - P6 Cover 2 Lg

*Angle code for 4 panel Maxi  
Use red numbers*

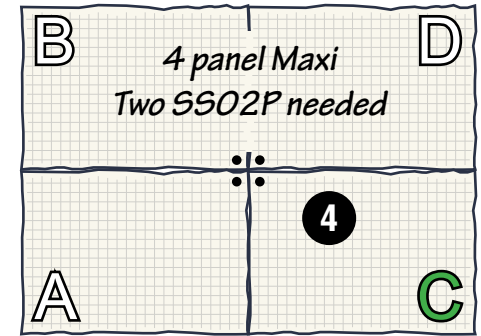
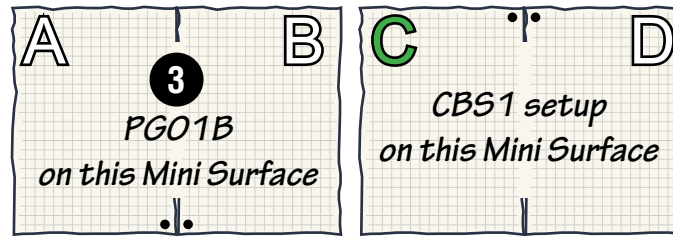
**4** Four Panel  
Maxi Surface

45° - P27 Show 3 Sm  
 54° - P23 Show 2 Sm  
 60° - P21 Cover 6 Lg  
 67.5° - P17 Show 3 Lg  
 72° - P15 Cover 5 Lg  
 75° - P13 Cover 5 Lg  
 82.5° - P8 Show 4 Lg



- The “B” panel is always used as the upper left corner of a 4 panel Maxi Surface.
- The “B” panel is always on the right with the “A” panel on the left when used as a 2 panel Mini Surface.
- Note:** Be sure to rotate the numbers and letters as shown in the diagram.
- To use with a PG01B Portable Glass Shop, add only black numbers to use as a 2 panel Mini Surface. Add only red numbers to use as a 4 panel Maxi Surface.
- Note:** If you have 4 panels we suggest you add both black and red numbers as shown.
- To use with the CBS1 Circle & Border System, add the red circles with red letters as shown here.
- Note:** 4 settings are used with the red numbers.  
 3 settings are used with the black numbers.

This page shows the markings for the "C" panel. If you only have two panels you can skip this page. If you do not have a Circle & Border System you will not need to add the red circles. If you have a Circle & Border System you should consider adding the all red circles with red letters. This will allow you to split the Maxi into 2 Mini Surfaces. Now you can use the PG01B on the "A" and "B" Mini and the CBS1 on the "C" and "D" Mini.



When 4 panels are used as two Mini Surfaces you can connect the 4 panels to save space.



Angle code for 2 panel Mini  
Use black numbers

**3** Two Panel Mini Surface Plus

- 45° - P45 Cover 3 Sm
- 54° - P17 Cover 4 Lg
- 60° - P15 Show 3 Sm
- 67.5° - P13 Cover 6 Sm
- 72° - P11 Cover 3 Lg
- 75° - P10 Show 5 Sm
- 82.5° - P6 Cover 2 Lg

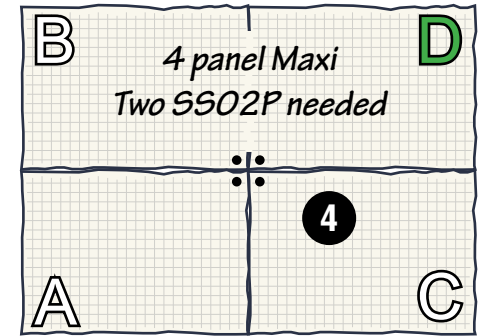
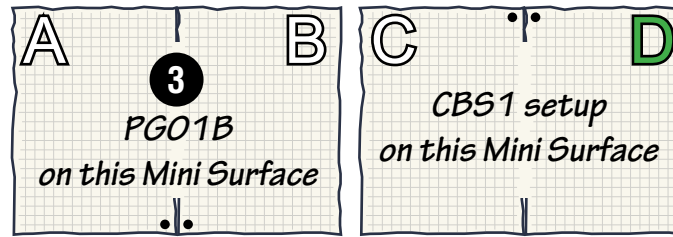
Angle code for 4 panel Maxi  
Use red numbers

**4** Four Panel Maxi Surface

- 45° - P27 Show 3 Sm
- 54° - P23 Show 2 Sm
- 60° - P21 Cover 6 Lg
- 67.5° - P17 Show 3 Lg
- 72° - P15 Cover 5 Lg
- 75° - P13 Cover 5 Lg
- 82.5° - P8 Show 4 Lg

Dot this corner cell

This page shows the markings for the “D” panel. If you only have two panels you can skip this page. If you do not have a Circle & Border System you will not need to add the red circles. If you have a Circle & Border System you should consider adding the all red circles with red letters. This will allow you to split the Maxi into 2 Mini Surfaces. Now you can use the PG01B on the “A” and “B” Mini and the CBS1 on the “C” and “D” Mini.



When 4 panels are used as two Mini Surfaces you can connect the 4 panels to save space.



Angle code for 2 panel Mini  
Use black numbers

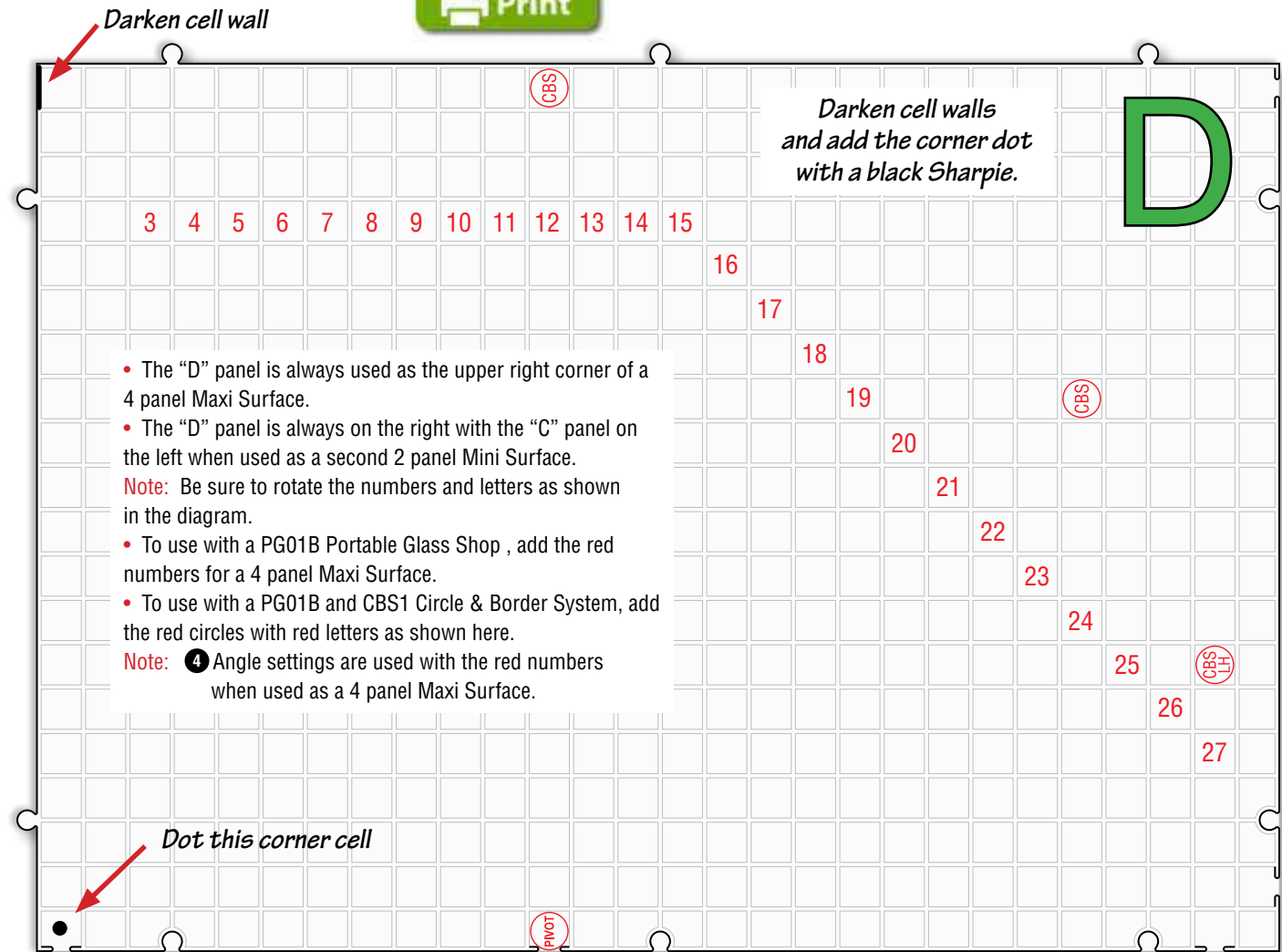
**3** Two Panel Mini Surface Plus

- 45° - P45 Cover 3 Sm
- 54° - P17 Cover 4 Lg
- 60° - P15 Show 3 Sm
- 67.5° - P13 Cover 6 Sm
- 72° - P11 Cover 3 Lg
- 75° - P10 Show 5 Sm
- 82.5° - P6 Cover 2 Lg

Angle code for 4 panel Maxi  
Use red numbers

**4** Four Panel Maxi Surface

- 45° - P27 Show 3 Sm
- 54° - P23 Show 2 Sm
- 60° - P21 Cover 6 Lg
- 67.5° - P17 Show 3 Lg
- 72° - P15 Cover 5 Lg
- 75° - P13 Cover 5 Lg
- 82.5° - P8 Show 4 Lg



- The “D” panel is always used as the upper right corner of a 4 panel Maxi Surface.
- The “D” panel is always on the right with the “C” panel on the left when used as a second 2 panel Mini Surface.
- Note:** Be sure to rotate the numbers and letters as shown in the diagram.
- To use with a PG01B Portable Glass Shop , add the red numbers for a 4 panel Maxi Surface.
- To use with a PG01B and CBS1 Circle & Border System, add the red circles with red letters as shown here.
- Note:** **4** Angle settings are used with the red numbers when used as a 4 panel Maxi Surface.