

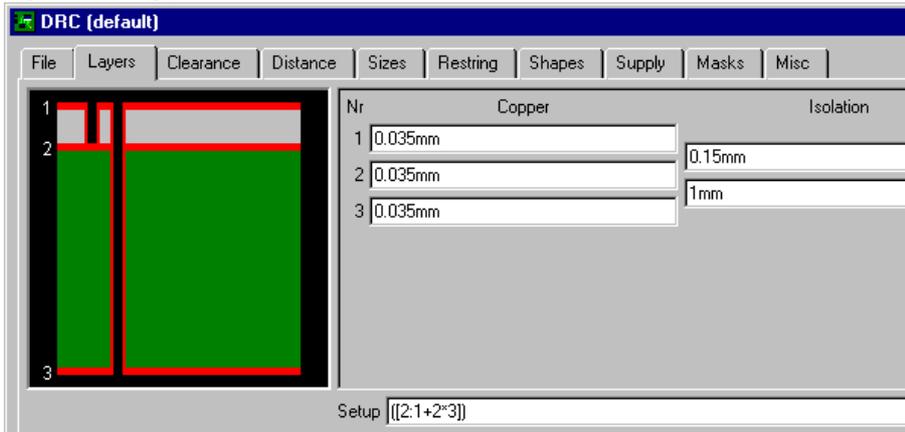
EAGLE - Design Rules / Layer - Stack

* Core
+ Prepreg
() Through/Buried Via
[:] Blind/Micro Via

1 Prepreg - 1 Core :

```
1 Blind/Micro -||-||--
  Prepreg      ||  ||
2 Through/Buried ----| |--
  Core         | | --
15 Through/Buried ----| |--
```

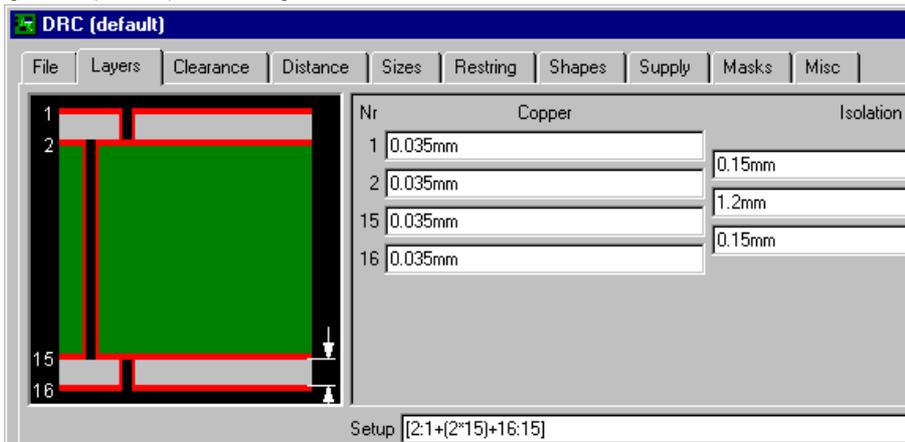
[[2:1+2*3]]



1 Prepreg - 1 Core - 1 Prepreg / Variant 1:

```
1 Blind/Micro ----||-
  Prepreg      ||
2 Through/Buried -||----
  Core         ||----
15 Through/Buried -||----
  Prepreg      ||
16 Blind/Micro ----||-
```

[2:1+(2*15)+16:15]



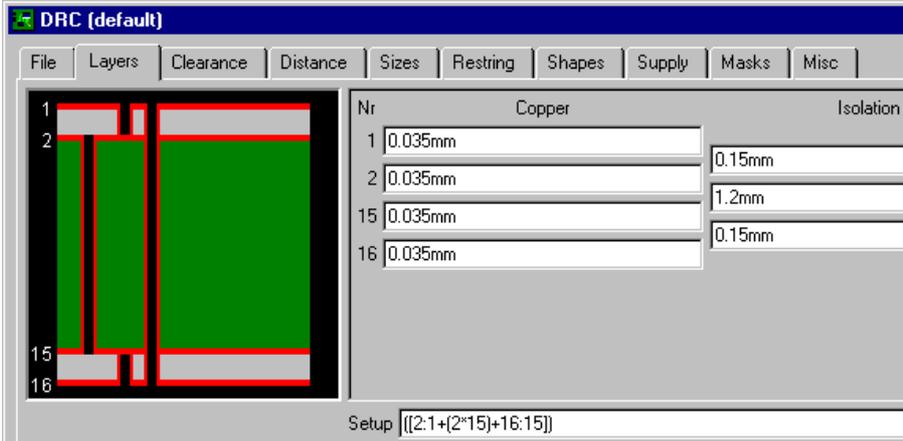
EAGLE - Design Rules / Layer - Stack

1 Prepreg - 1 Core - 1 Prepreg / Variant 2:

```

1  Blind/Micro    ----||-||-
   Prepreg       ||  ||
2  Through/Buried -||----||-
   Core          ||  ||
15 Through/Buried -||----||-
   Prepreg       ||  ||
16 Blind/Micro   ----||-||-
  
```

((2:1+(2*15)+16:15))

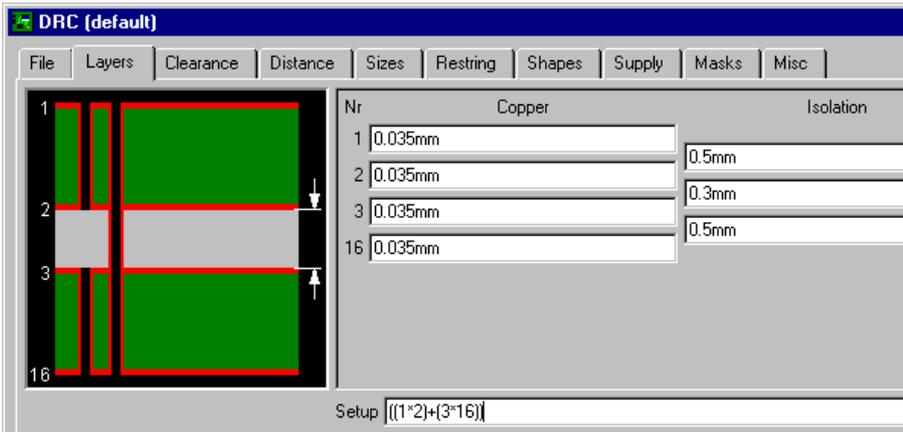


1 Core - 1 Prepreg - 1 Core :

```

1  Through/Buried -||--||-
   Core          ||  ||
2  Through/Buried -||--||-
   Prepreg       ||  ||
3  Through/Buried -||--||-
   Core          ||  ||
16 Through/Buried -||--||-
  
```

((1*2)+(3*16))



EAGLE - Design Rules / Layer - Stack

2 Prepreg - 1 Core - 1 Prepreg :

```

1  Blind/Micro  -----||-||-
   Prepreg      ||  ||
2  Blind/Micro  ----||-||-||-||-
   Prepreg      ||  ||      ||
13 Through/Buried -||-||-||-||-||-
   Core         ||  ||      ||
14 Through/Buried -||-||-||-||-||-
   Prepreg      ||  ||      ||
16 Blind/Micro  ---  -----||-||-
    
```

[[2:1+[13:(2+(13*14))]+16:14]]

Nr	Copper	Isolation
1	0.035mm	0.15mm
2	0.035mm	0.15mm
13	0.035mm	1.5mm
14	0.035mm	.15mm
16	0.035mm	

Setup [[2:1+[13:(2+(13*14))]+16:14]]

2 Prepreg - 1 Core - 2 Prepreg :

```

1  Blind/Micro  -----||-||-
   Prepreg      ||  ||
2  Blind/Micro  ----||-||-||-||-
   Prepreg      ||  ||      ||
3  Through/Buried -||-||-||-||-||-
   Core         ||  ||      ||
4  Through/Buried -||-||-||-||-||-
   Prepreg      ||  ||      ||
5  Blind/Micro  -----||-||-||-||-
   Prepreg      ||  ||
16 Blind/Micro  -----||-||-
    
```

[[2:1+([3:(2+(3*4)))+5:4])+16:5]]

Nr	Copper	Isolation
1	0.035mm	0.15mm
2	0.035mm	0.15mm
3	0.035mm	1mm
4	0.035mm	0.15mm
5	0.035mm	0.15mm
16	0.035mm	

Setup [[2:1+([3:(2+(3*4)))+5:4])+16:5]]

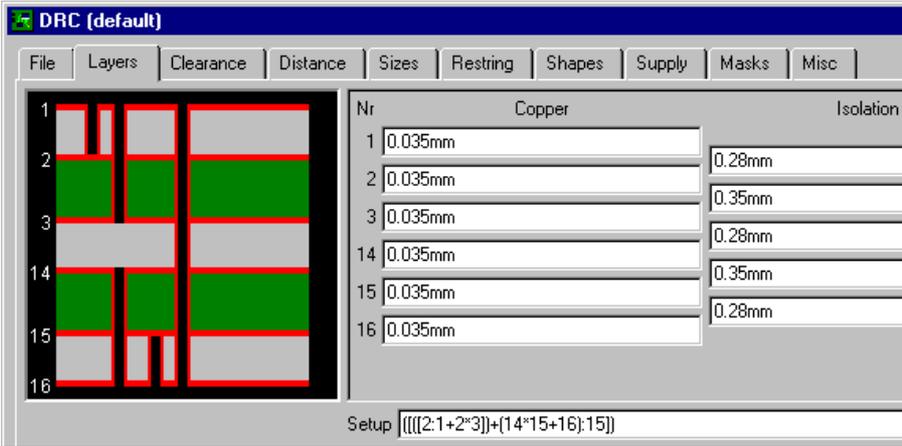
EAGLE - Design Rules / Layer - Stack

1 Prepreg - 2 Core - 1 Prepreg :

```

1 Blind/Micro      ---||-||-----||--
  Prepreg          ||  ||      ||
2 Through/Buried  -----||-----||--
  Core             ||      ||
3 Through/Buried  -----||-----||--
  Prepreg          ||      ||
14 Through/Buried -----||-----||--
  Core             ||      ||
15 Through/Buried -----||-----||--
  Prepreg          ||  ||  ||
16 Blind/Micro    -----||-||-||--
  
```

(((2:1+2*3))+(14*15+16):15))

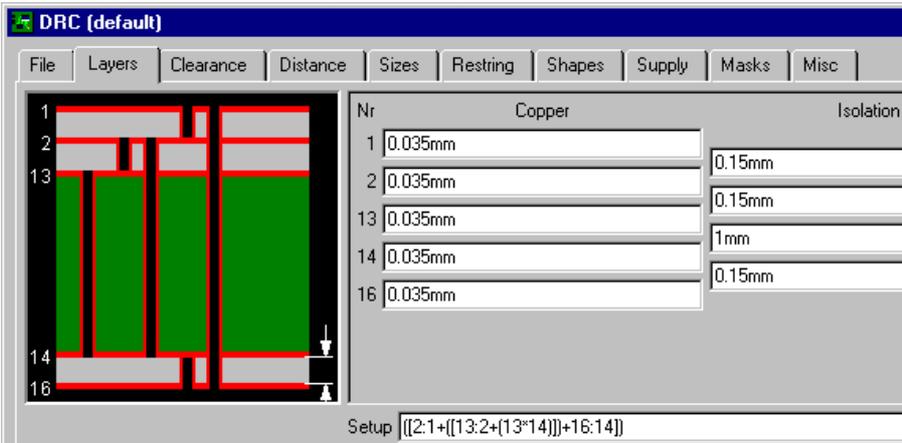


2 Prepreg - 1 Core - 1 Prepreg :

```

1 Blind/Micro      -----||-||-
  Prepreg          ||  ||
2 Blind/Micro      ----||-||-----||-
  Prepreg          ||  ||      ||
13 Through/Buried -||-----||-----||-
  Core             ||      ||
14 Through/Buried -||-----||-----||-
  Prepreg          ||      ||
16 Blind/Micro    --- -----||-||-
  
```

((2:1+((13:2+(13*14)))+16:14))

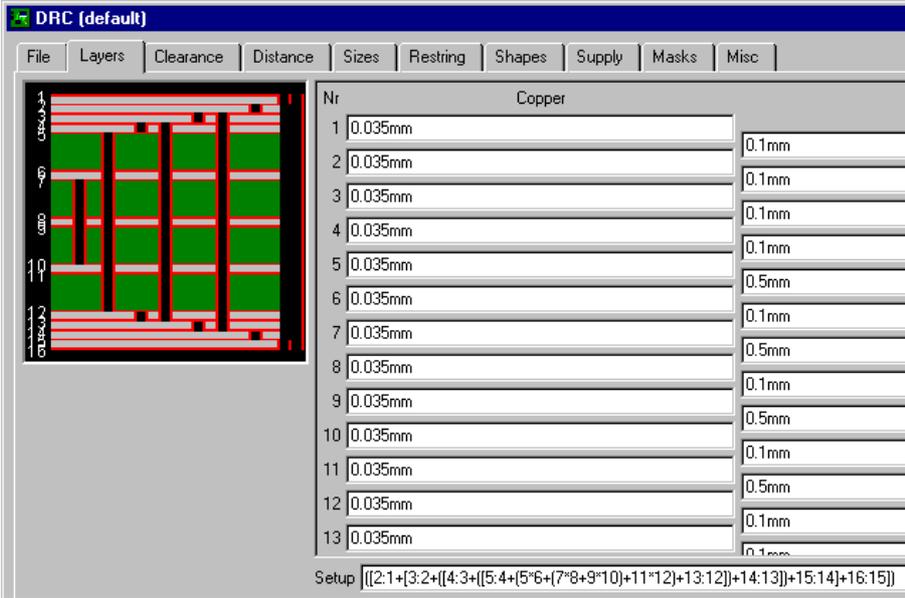


EAGLE - Design Rules / Layer - Stack

4 Prepreg - 4 Core - 4 Prepreg / Variant 2:

1	Blind/Micro	-----	- -	-----	- -
	Prepreg				
2	Blind/Micro	-----	- -	-----	- -
	Prepreg				
3	Blind/Micro	-----	- -	-----	- -
	Prepreg				
4	Blind/Micro	-----	- -	-----	- -
	Prepreg				
5	Through/Buried	-----	- -	-----	- -
	Core				
6	Through/Buried	-----	- -	-----	- -
	Prepreg				
7	Through/Buried	-----	- -	-----	- -
	Core				
8	Through/Buried	-----	- -	-----	- -
	Prepreg				
9	Through/Buried	-----	- -	-----	- -
	Core				
10	Through/Buried	-----	- -	-----	- -
	Prepreg				
11	Through/Buried	-----	- -	-----	- -
	Core				
12	Through/Buried	-----	- -	-----	- -
	Prepreg				
13	Blind/Micro	-----	- -	-----	- -
	Prepreg				
14	Blind/Micro	-----	- -	-----	- -
	Prepreg				
15	Blind/Micro	-----	- -	-----	- -
	Prepreg				
16	Blind/Micro	-----	- -	-----	- -

((2:1+[3:2+([4:3+([5:4+(5*6+(7*8+9*10)+11*12)+13:12])+14:13])+15:14]+16:15))



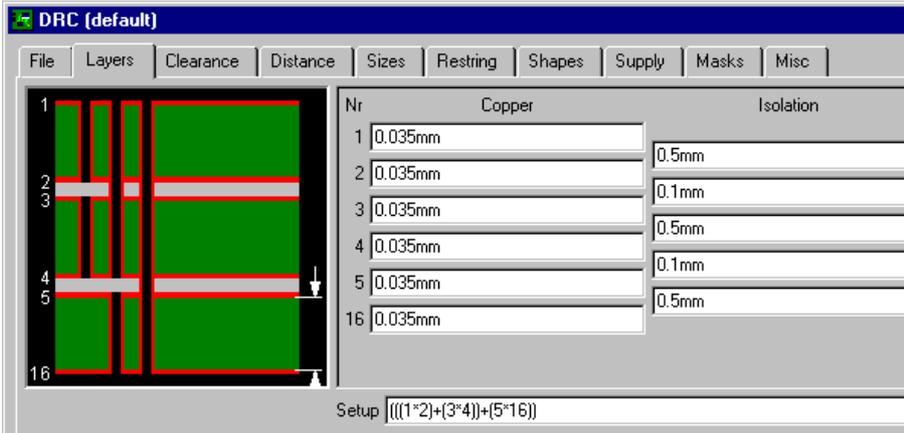
EAGLE - Design Rules / Layer - Stack

3 Core / Variant 1:

```

1 Through/Buried ---|---|---|---
Core          ||  ||  ||
2 Through/Buried ---|---|---|---
Prepreg       ||  ||
3 Through/Buried ---|---|---|---
Core          ||  ||  ||
4 Through/Buried ---|---|---|---
Prepreg       ||  ||
5 Through/Buried -----|---|---
Core          ||  ||
16 Through/Buried -----|---|---
    
```

$((1*2) + (3*4)) + (5*16)$

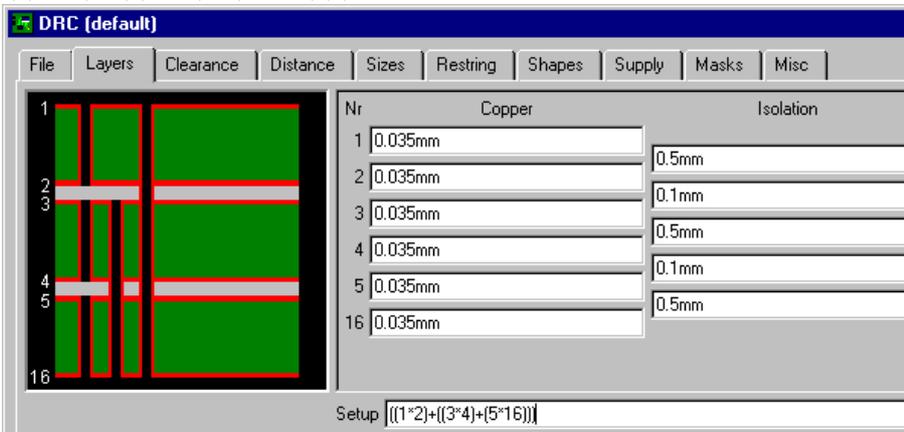


3 Core / Variant 2:

```

1 Through/Buried ---|-----|---
Core          ||          ||
2 Through/Buried ---|-----|---
Prepreg       ||          ||
3 Through/Buried ---|---|---|---
Core          ||  ||  ||
4 Through/Buried ---|---|---|---
Prepreg       ||  ||
5 Through/Buried ---|---|---|---
Core          ||  ||  ||
16 Through/Buried ---|---|---|---
    
```

$((1*2) + ((3*4) + (5*16)))$



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