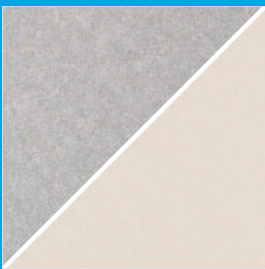


# KNAUF

## VARIOLINE Colour



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VARIOLINE Colour is a range of printed mineral ceilings that provides the capability for custom colour tiles

- The laminated acoustic surface provides up to Class A sound absorption performance
- Available in a wide range of edge details to suit all design and installation needs
- Ideal for offices, foyers and retail spaces

## Build on us.

Characteristics		Detailed information						
Edge details		<b>VARIOLINE Colour (Alpha)</b>			<b>VARIOLINE Colour (dB)</b>	<b>VARIOLINE Colour (Acoustic)</b>	<b>VARIOLINE Colour (HD)</b>	
		Board 	Tegular 24/90 	Tegular 15/90 	Vector 	SL2 	Finesse 	
Thickness (mm)		19	19	19	24	19	19	
Dimensions (mm)		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600	600 x 600 1200 x 600	600 x 600 625 x 625 1200 x 600	On Request	600 x 600 625 x 625 1200 x 600 1250 x 625	
System		Exposed demountable - System C			Semi-concealed tiles, demountable - System C	Semi-concealed planks, demountable - System I.3 (Bandraster - System I.2 / Corridor - System F.2)	Concealed, demountable - System A.2 / A.3	
Weight		<b>3.3 kg/m<sup>2</sup></b> (Board, Tegular 24/90, Tegular 15/90) <b>5.0 kg/m<sup>2</sup></b> (SL2) <b>5.2 kg/m<sup>2</sup></b> (Finesse) <b>8.6 kg/m<sup>2</sup></b> (Vector)						
Colour & design		All RAL and NCS colours are available for print						
Sound absorption		EN ISO 354	$\alpha_w = 0.95$ (Board, Tegular 24/90, Tegular 15/90) as per EN ISO 11654 - <b>Class A</b> $\alpha_w = 0.65$ (H) (Vector, SL2) as per EN ISO 11654 - <b>Class C</b> $\alpha_w = 0.90$ (Finesse) as per EN ISO 11654 - <b>Class A</b>					
		<b>Frequency f (Hz)</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>
		$\alpha_p$ Board, Tegular 24/90, Tegular 15/90	0.50	0.80	0.90	0.90	1.00	1.00
		$\alpha_p$ Vector	0.45	0.40	0.60	0.80	0.95	1.00
		$\alpha_p$ SL2	0.50	0.45	0.60	0.85	0.95	0.95
		$\alpha_p$ Finesse	0.50	0.70	0.80	0.90	1.00	1.00
		NRC = <b>0.90</b> (Board, Tegular 24/90, Tegular 15/90) as per ASTM C 423 NRC = <b>0.70</b> (Vector, SL2) as per ASTM C 423 NRC = <b>0.85</b> (Finesse) as per ASTM C 423						
Sound attenuation		$D_{n,f,w} = 28$ dB (Board, Tegular 24/90, Tegular 15/90) as per EN ISO 717-1 $D_{n,f,w} = 34$ dB (Finesse) as per EN ISO 717-1 $D_{n,f,w} = 38$ dB (Vector) as per EN ISO 717-1 $D_{n,f,w} = 40$ dB (SL2) as per EN ISO 717-1			$CAC = 29$ dB (Board, Tegular 24/90, Tegular 15/90) as per ASTM E 413-10 $CAC = 35$ dB (Finesse) as per ASTM E 413-10 $CAC = 39$ dB (Vector) as per ASTM E 413-10			
Fire reaction		Euroclass <b>A2-s1, d0 / C-s1, d0</b> as per EN 13501-1 (depending on the colour)						
Thermal conductivity		$\lambda = 0.040$ W/mk (Board, Tegular 24/90, Tegular 15/90) as per EN 12667 $\lambda = 0.075$ W/mk (Vector) as per EN 12667 $\lambda = 0.060$ W/mk (SL2, Finesse) as per EN 12667						
Air permeability		<b>PM1</b> ( $\leq 30$ m <sup>3</sup> /hm <sup>2</sup> ) as per DIN 18177						
Humidity resistance		<b>95% RH</b>						
Indoor air quality / Sustainability			<b>A+</b>					
			35-49.3% (2023)					