

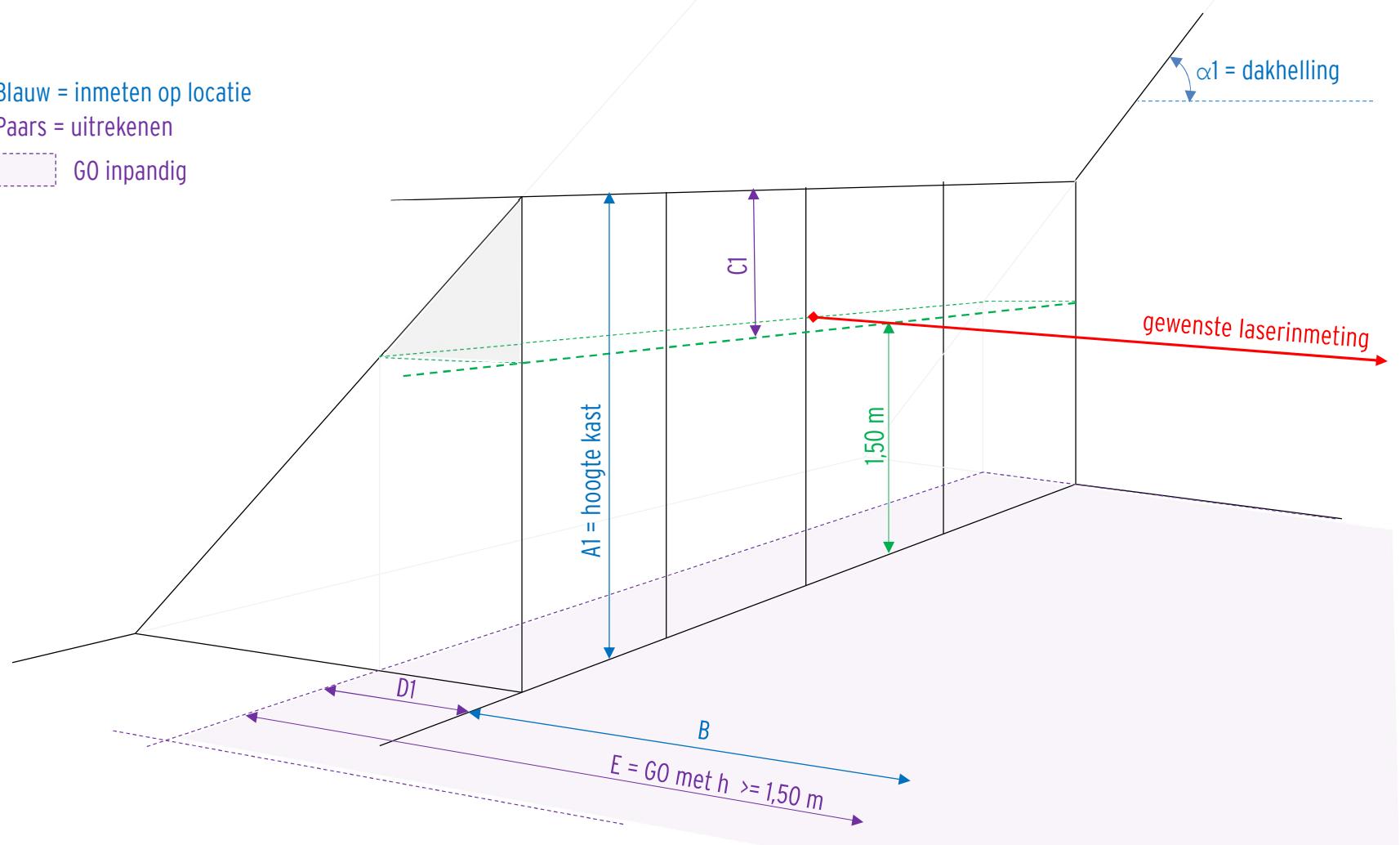


GO met hoogte $\geq 1,5$ inmeten | kast staat in de weg

Blaauw = inmeten op locatie

Paars = uitrekenen

 GO inpandig

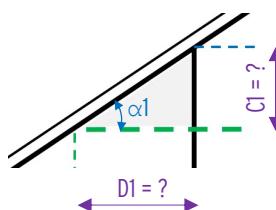
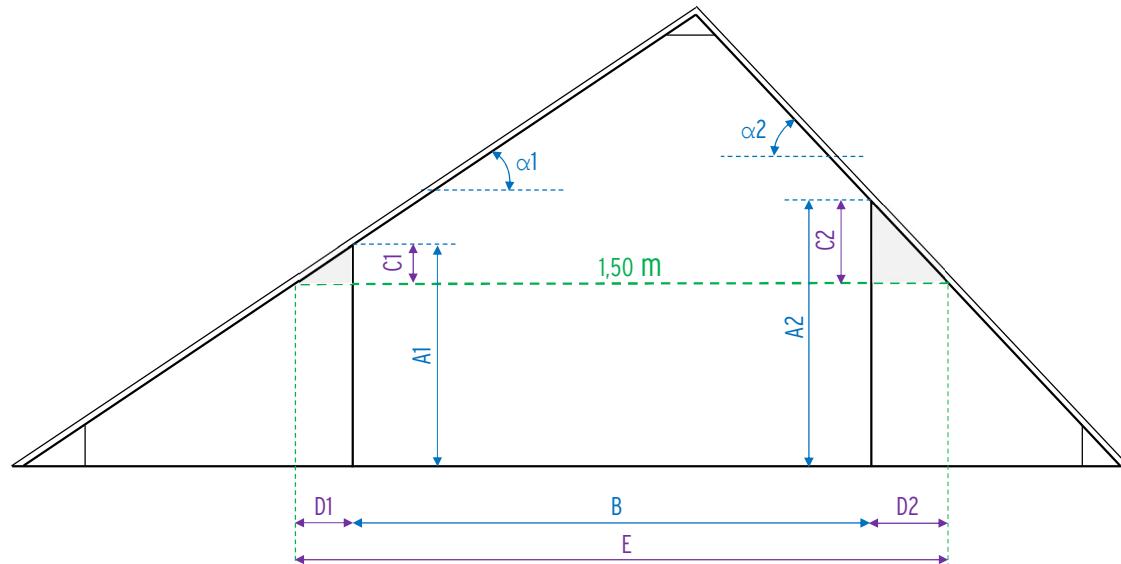




GO met hoogte $\geq 1,5$ inmeten | uitleg formule

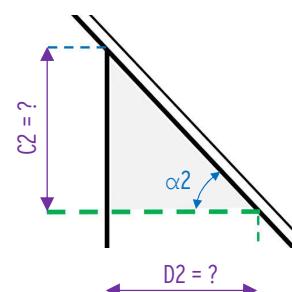
1

Inmeten op locatie	
kasthoogte A1	m ¹
dakhelling α_1	°
kasthoogte A2	m ¹
dakhelling α_2	°
lengte B	m ¹
diepte ruimte	m ¹



2a
C1 uitrekenen
 $C1 = A1 - 1,50$

2b
D1 uitrekenen
 $\tan \alpha_1 = C1 / D1$
 $D1 = C1 / \tan \alpha_1$
 $D1 = (A1-1,5) / \tan \alpha_1$



3a
C2 uitrekenen
 $C2 = A2 - 1,50$

3b
D1 uitrekenen
 $\tan \alpha_2 = C2 / D2$
 $D2 = C2 / \tan \alpha_2$
 $D2 = (A2-1,5) / \tan \alpha_2$

4
E uitrekenen
 $E = D1 + B + D2$

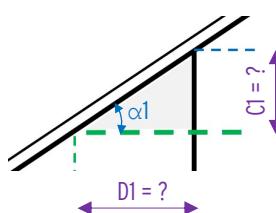
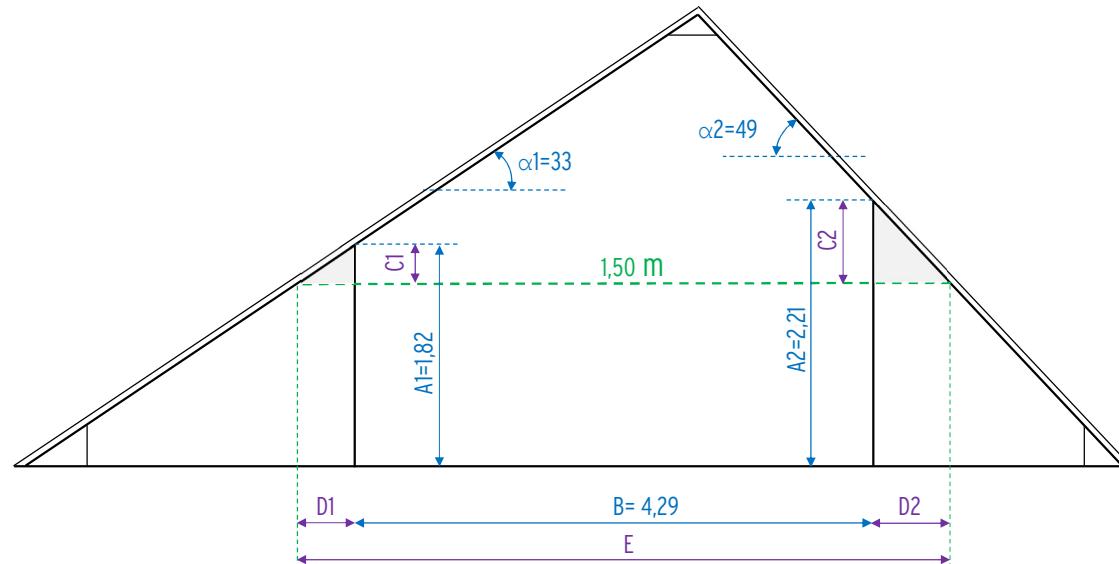
5
GO uitrekenen
 $GO = E \times \text{diepte}$



GO met hoogte $\geq 1,5$ inmeten | voorbeeld

1

Inmeten op locatie	
kasthoogte A1	1,82 m ¹
dakhelling α_1	33°
kasthoogte A2	2,21 m ¹
dakhelling α_2	49°
lengte B	4,29 m ¹
diepte ruimte	7,90 m ¹

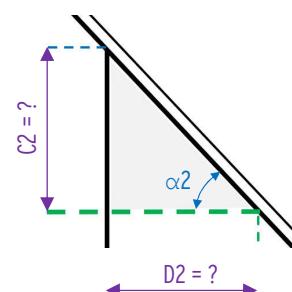


2a

$$\begin{aligned} C1 \text{ uitrekenen} & \rightarrow D1 \text{ uitrekenen} \\ C1 = A1 - 1,50 & \quad \tan \alpha_1 = C1 / D1 \\ C1 = 1,82 - 1,50 & \quad D1 = C1 / \tan \alpha_1 \\ C1 = 0,32 \text{ m}^1 & \quad D1 = 0,32 / \tan 33 \\ & \quad D1 = 0,32 / 0,649 \\ & \quad D1 = 0,49 \text{ m}^1 \end{aligned}$$

2b

$$\begin{aligned} \tan \alpha_1 &= C1 / D1 \\ D1 &= C1 / \tan \alpha_1 \\ D1 &= 0,32 / \tan 33 \\ D1 &= 0,32 / 0,649 \\ D1 &= 0,49 \text{ m}^1 \end{aligned}$$



3a

$$\begin{aligned} C2 \text{ uitrekenen} & \rightarrow D2 \text{ uitrekenen} \\ C2 = A2 - 1,50 & \quad \tan \alpha_2 = C2 / D2 \\ C2 = 2,21 - 1,50 & \quad D2 = C2 / \tan \alpha_2 \\ C2 = 0,71 \text{ m}^1 & \quad D2 = 0,71 / \tan 49 \\ & \quad D2 = 0,71 / 1,15 \\ & \quad D2 = 0,62 \text{ m}^1 \end{aligned}$$

3b

$$\begin{aligned} \tan \alpha_2 &= C2 / D2 \\ D2 &= C2 / \tan \alpha_2 \\ D2 &= 0,71 / \tan 49 \\ D2 &= 0,71 / 1,15 \\ D2 &= 0,62 \text{ m}^1 \end{aligned}$$

4

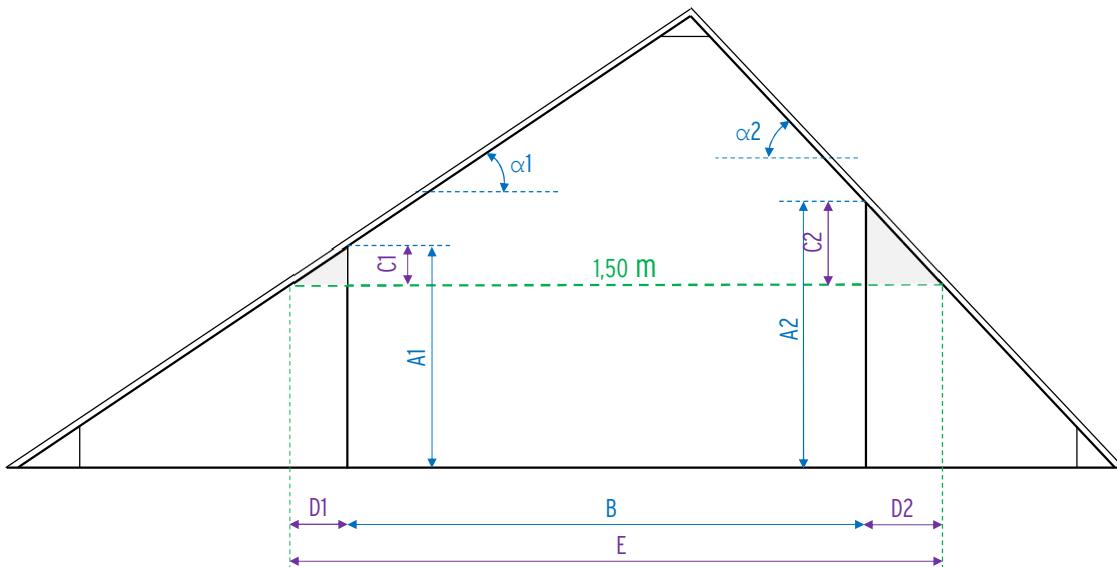
$$\begin{aligned} E \text{ uitrekenen} & \rightarrow E = D1 + B + D2 \\ E &= 0,49 + 4,29 + 0,62 \\ E &= 5,40 \end{aligned}$$

5

$$GO = E \times \text{diepte} = 5,40 \times 7,90 = 42,66 \text{ m}^2$$



Pick your favorite formula



A

$$GO = E \times \text{diepte}$$

$$E = D1 + B + D2$$

$$D1 = C1 / \tan \alpha 1$$

$$D1 = (A1-1,5) / \tan \alpha 1$$

$$C1 = A1 - 1,50$$

B

$$GO = ((C1 / \tan \alpha 1) + B + (C2 / \tan \alpha 2)) \times \text{diepte}$$

$$E = (C1 / \tan \alpha 1) + B + (C2 / \tan \alpha 2)$$

$$C1 = A1 - 1,50$$

C

$$GO = (((A1-1,5) / \tan \alpha 1) + B + ((A2-1,5) / \tan \alpha 2)) \times \text{diepte}$$

$$E = ((A1-1,5) / \tan \alpha 1) + B + ((A2-1,5) / \tan \alpha 2)$$