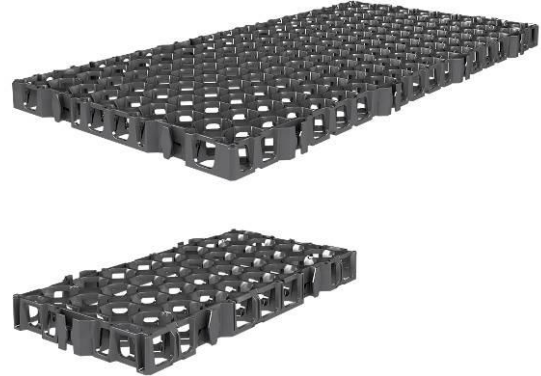
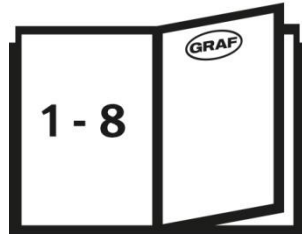


GRAF XFlow 50-L / 50-S

GRAF XFlow 50-L / 50-S

495000
495001



DE:

Die in dieser Anleitung beschriebenen Punkte sind unbedingt zu beachten. Bei Nichtbeachtung erlischt jeglicher Garantieanspruch. Für alle über GRAF bezogenen Zusatzartikel erhalten Sie separate in der Transportverpackung beiliegende Einbauanleitungen. Die Firma GRAF bietet ein umfangreiches Sortiment an Zubehörteilen, die alle aufeinander abgestimmt sind und zu kompletten Systemen ausgebaut werden können. Die Verwendung nicht von GRAF freigegebener Zubehörteile führt zu einem Ausschluss der Gewährleistung/Garantie.

EN:

The points described in these instructions must be observed under all circumstances. All warranty rights are invalidated in the event of non-observance. Separate installation instructions are enclosed in the transportation packaging for all additional articles purchased from GRAF. GRAF offers an extensive range of accessories, all of which are designed to match each other and which can be extended to form complete systems. The use of accessories that have not been approved by GRAF results in the exclusion of the warranty/guarantee.

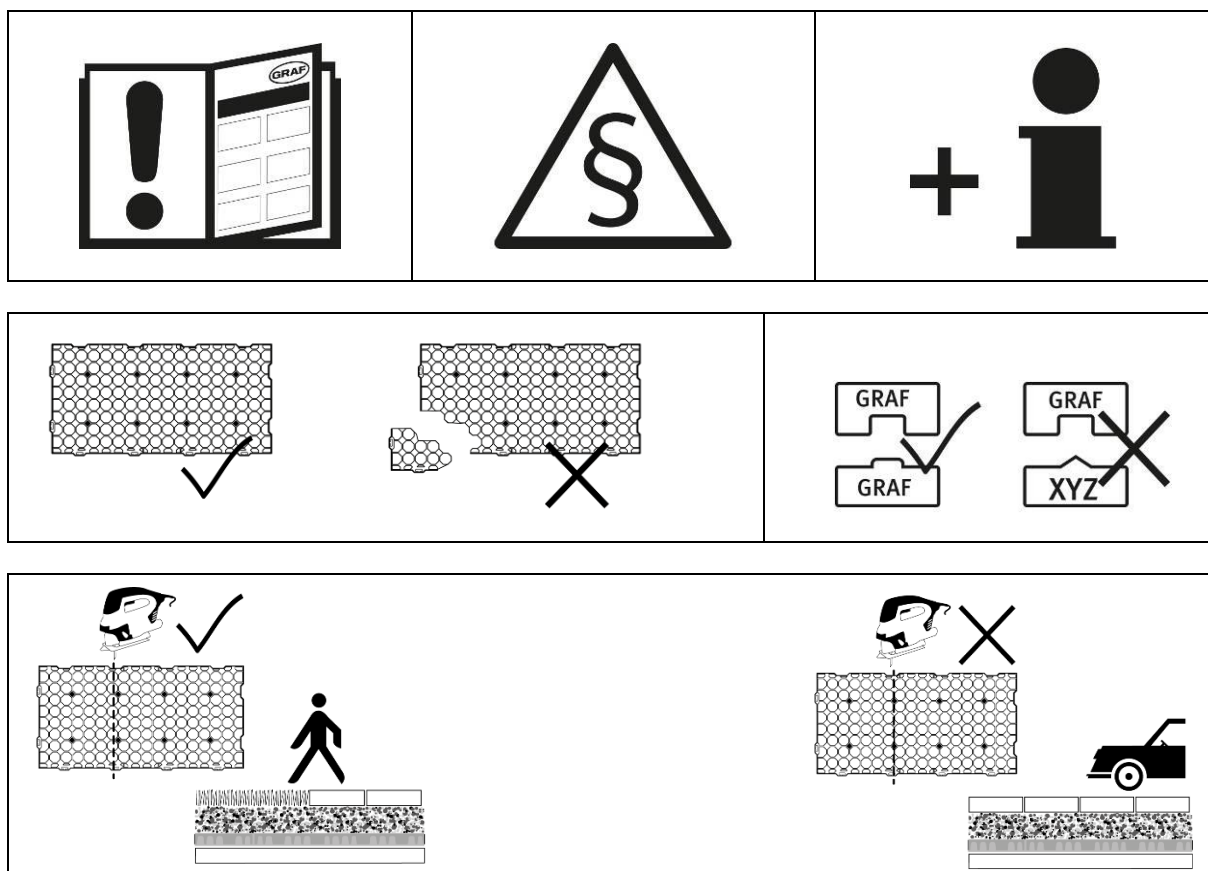
FR:

Afin de garantir le bon fonctionnement et la longévité de votre installation, les différents points décrits dans cette notice doivent scrupuleusement être respectés. Tout manquement à ces règles annulera systématiquement la garantie. Lisez également toutes les notices des autres éléments fournis par la société GRAF. Vous trouverez les notices de montage jointes dans l'emballage. La société GRAF vous propose une large gamme d'accessoires d'une grande compatibilité. GRAF décline toute prise en charge sous garantie en cas d'utilisation d'accessoires non conformes.

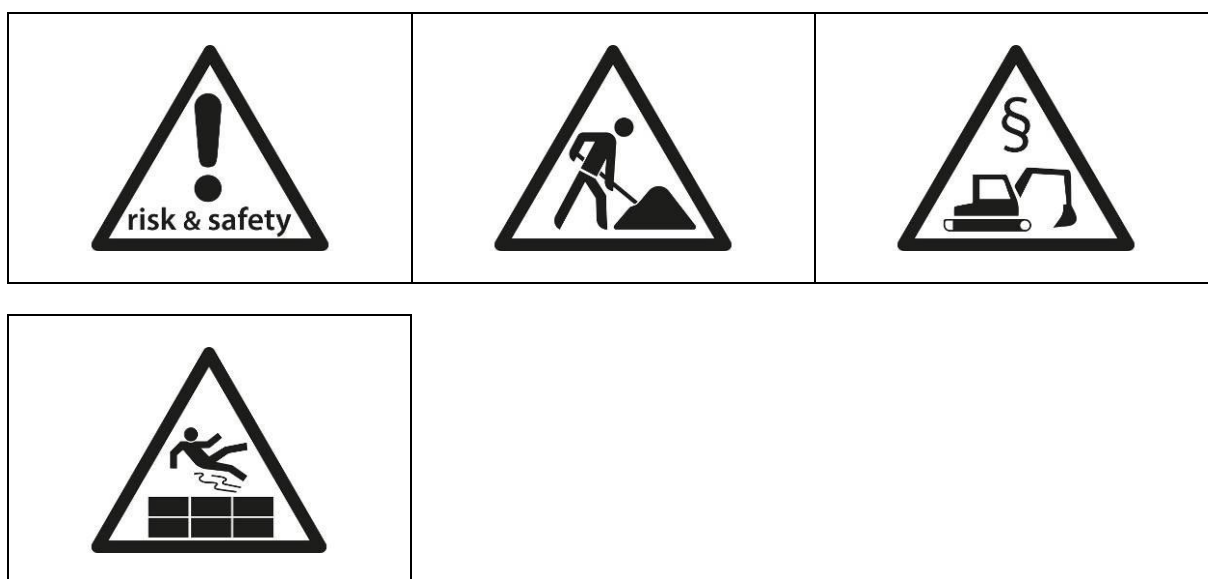
ES:

Los puntos descritos en este manual deben leerse obligatoriamente. La no consideración de los mismos conlleva la extinción de cualquier derecho de garantía. Para todos los artículos adicionales comprados a través de GRAF recibirá un manual de montaje separado incluido en el embalaje de transporte. La compañía GRAF ofrece un amplio surtido de accesorios que han sido adaptados entre sí y que pueden ampliarse para formar sistemas completos. El uso de accesorios no aprobados por GRAF da lugar a la pérdida de la garantía legal/comercial.

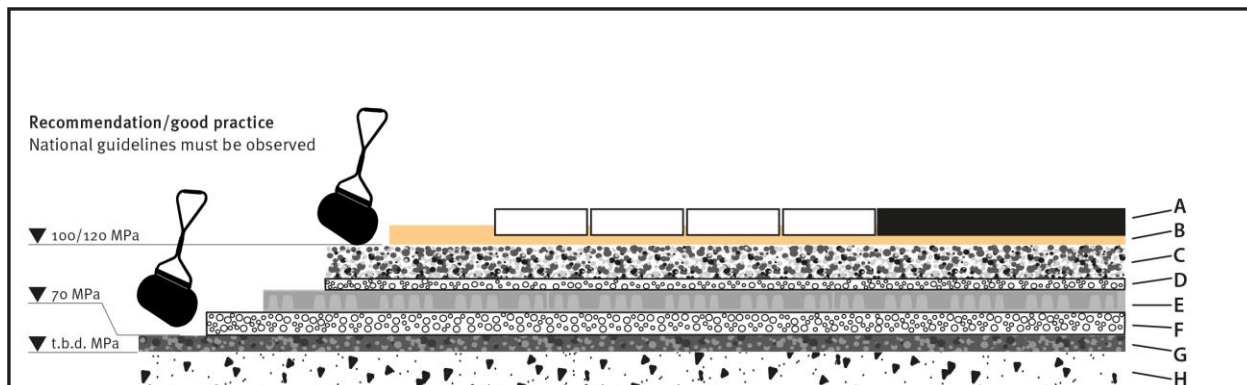
1. Allgemeine Hinweise / General product information / Généralités / Indicaciones generales



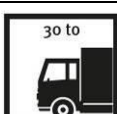
2. Sicherheitshinweise / Safety notes / remarques de sécurité / Notas de seguridad



3. Einbaufenster / installation window / Conditions de pose / Parámetros de instalación

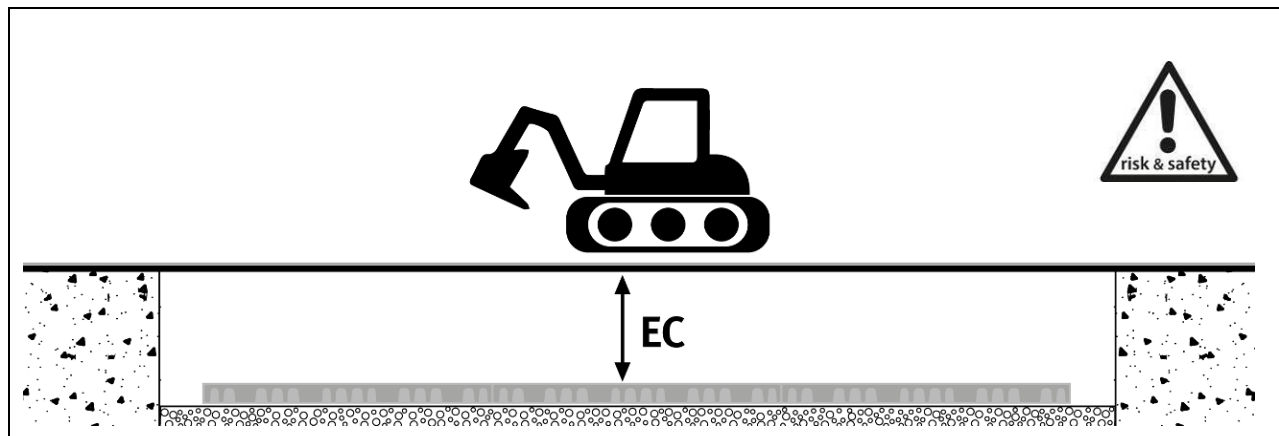


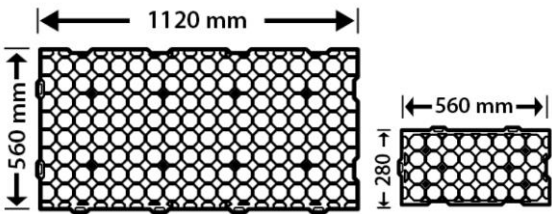
A = Pflaster/ Asphaltdecke/ Pavement/ Asphalt surface course/ Pavé/ Revêtement d'asphalte/ Pavimento/ Asfalto
B = Bettung/ Asphalttragsschicht/ Laying course/ Asphalt base course/ Ballast/ Couche portante d'asphalte/ Lecho/ Capa de Asfalto
C = Schottertragschicht + Frostschutzschicht/ Crushed rock base course + frost blanket course/ Couche portante de concassé + couche anti gel /Capa base de grava + capa protectora contra heladas
D = Ausgleichsschicht/ Leveling course/ Couche de réglage/ Capa de nivelación
E = XFlow eingewickelt in Geotextil/ XFlow wrapped in geotextile/ XFlow enveloppé de géotextile/ XFlow envuelto en geotextil
F = Planum/ Base grade/ Plate-forme/ Base nivelada
G = Bodenverbesserung/ Ground improvement/ Amélioration de la chaussée/ Mejora del suelo
H = Bestehender Boden/ Existing ground/ Sol existant/ Terreno existente

		A+B*	C+D*	E XFlow	F	G
	min. EC	120 - 140 mm (4.75" - 5.55")	≥ 50 mm (2.00")	52 mm (2.05")	50-80 mm (2.00" -3.15")	Depending on existing ground (H)
	min. EC	120 - 140 mm (4.75" - 5.55")	≥ 100 mm (3.95")	52 mm (2.05")	50-80 mm (2.00" -3.15")	Depending on existing ground (H)
	min. EC	120 - 140 mm (4.75" - 5.55")	300 – 400 mm (11.85" – 15.75")	52 mm (2.05")	50-80 mm (2.00" -3.15")	Depending on existing ground (H)
	min. EC	120 - 140 mm (4.75" - 5.55")		52 mm (2.05")	50-80 mm (2.00" -3.15")	Depending on existing ground (H)
	min. EC	120 - 140 mm (4.75" - 5.55")		52 mm (2.05")	50-80 mm (2.00" -3.15")	Depending on existing ground (H)
	min. EC	120 - 140 mm (4.75" - 5.55")		52 mm (2.05")	50-80 mm (2.00" -3.15")	Depending on existing ground (H)

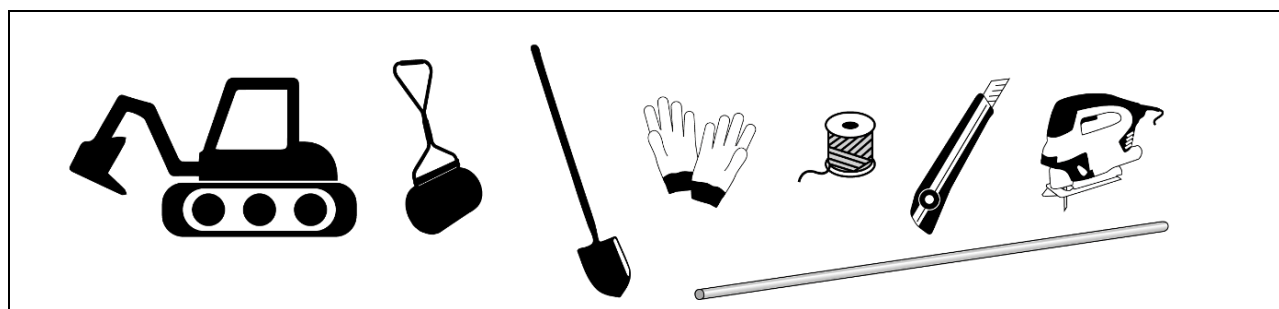
* Muss mit den national gültigen Vorschriften und mit dem zu erreichenden Verformungsmodul Ev2 übereinstimmen/ Must comply with national guidelines and also the requirements regarding the modulus of deformation Ev2 to be achieved/ Doit se conformer aux réglementations nationales en vigueur ainsi qu'au module de déformation Ev2 à accomplir/ Debe cumplir con las directrices nacionales y también con los requisitos relacionados con el módulo de deformación Ev2

4. Befahren mit Baumaschinen in der Einbauphase / Use of construction machinery in the installation phase / Passage d'engins de chantier / Circulación con máquinas de construcción

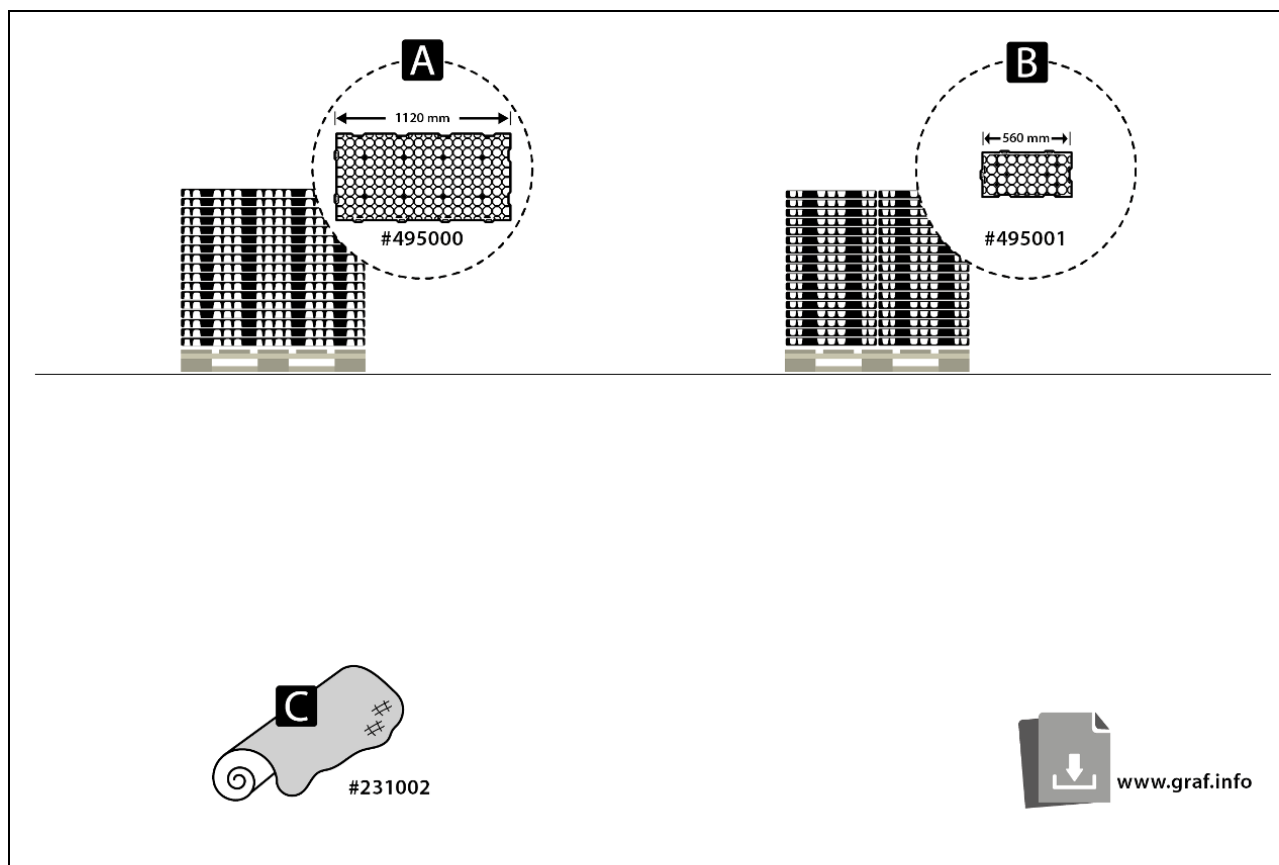


	
 min. EC approx. 0.7 t (1,543 lbs)	≥ 50 mm (2.00") Good practice ≥ 100 mm (3.95")
 min. EC approx. 2.5 t (5,512 lbs) / 7.5 t (16,535 lbs) / 40 t (88,185 lbs)	300 - 400 mm (11.85" – 15.75")

5. Werkzeug / Tools / Les outils / Herramientas

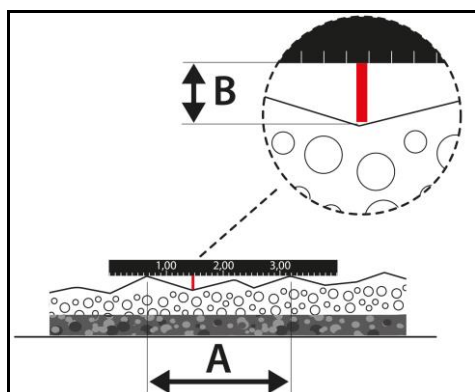
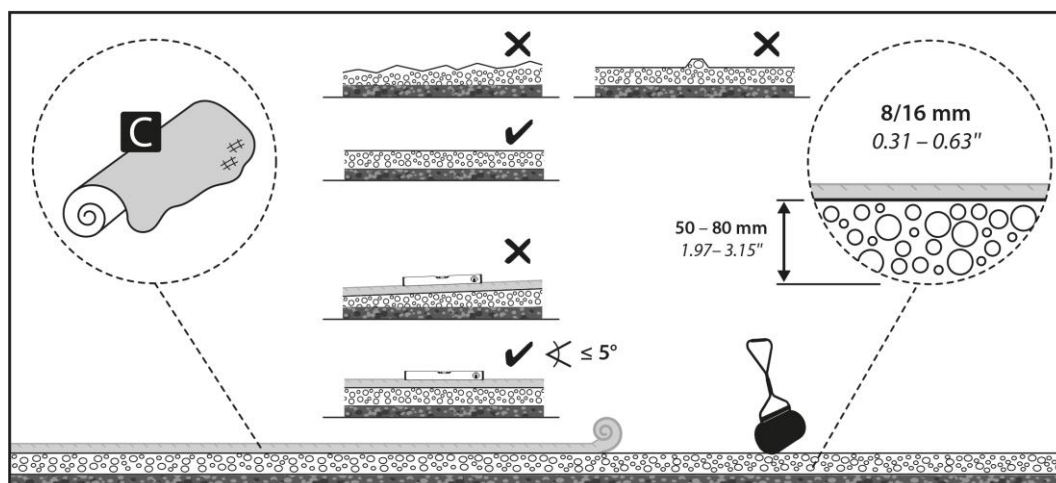


6. Sortiment / Product range / Gamme / Surtido



7. Einbau und Montage / Installation and assembly / Mise en place et montage / Instalación y montaje

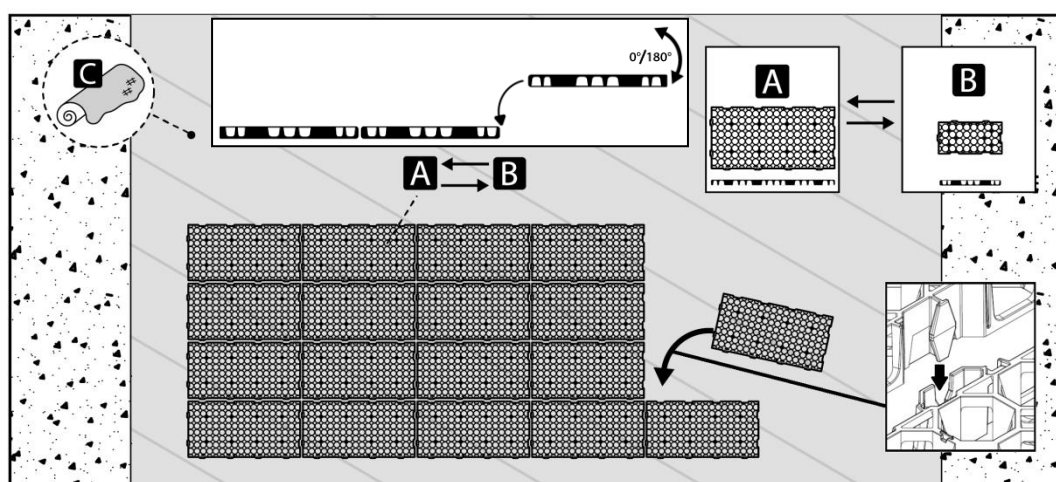
1.



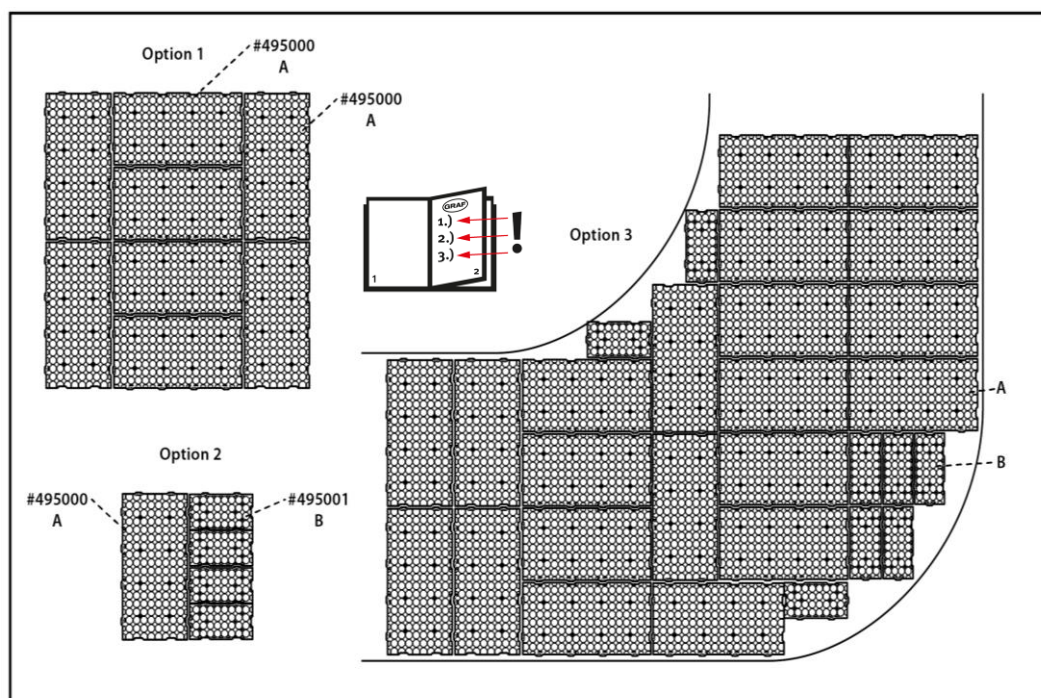
Ebenheit/Flatness/ Planéité/ Planeidad

A	B
4,0 m	≤ 20 mm
2,0 m	≤ 15 mm
1,0 m	≤ 10 mm
0,2 m	≤ 4 mm

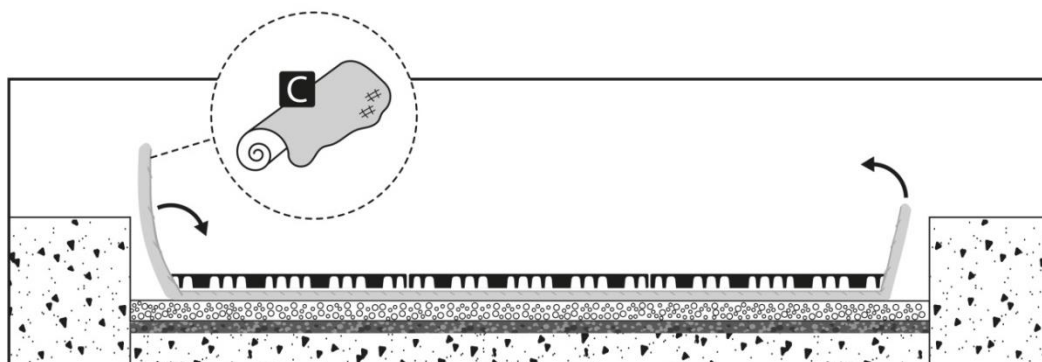
2.



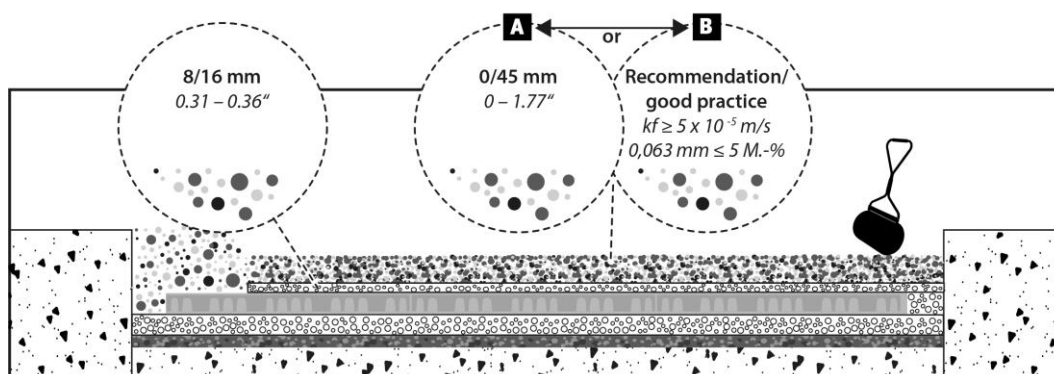
3.



4.

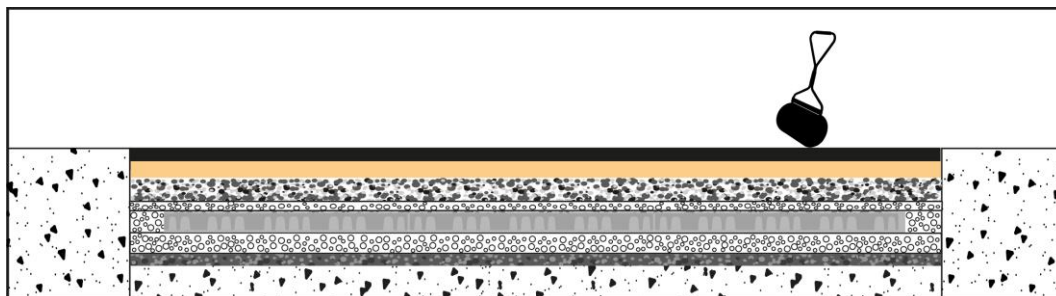


5.

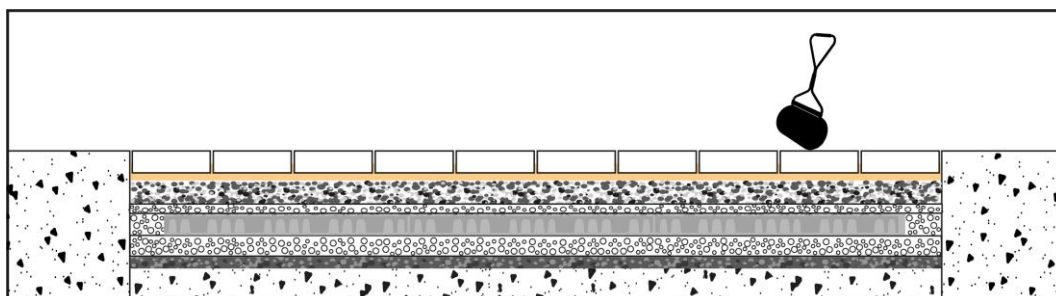


6.

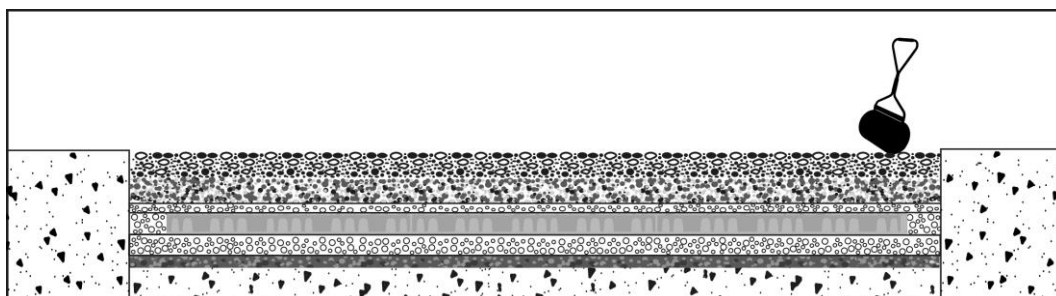
Variante 1 / option 1 / variante 1 / opción 1



Variante 2 / option 2 / variante 2 / opción 2



Variante 3 / option 3 / variante 3 / opción 3



07/ 2021