

## LC Block-Out Resin

### Description and Indications:

Ultradent LC Block Out is a viscous light-cured, methacrylate-based, syringe delivered blue pigmented utility resin. It is designed for laboratory use such as for bleaching reservoirs on plaster models, for lab procedures requiring space or undercut block out, and to repair small fractures or voids in laboratory models.

### Directions for Use:

**NOTE:** Stone/plaster models must be clean and dry before applying resin.

1. Remove Luer cap.

2. Securely attach working tip of choice (Black Mini-tip).

3. Verify resin flow prior to applying.

4. Use a thin stream of resin onto the model surface (Fig. 1).

5. For Model Repair or Block-out (Figs. 2&3)

a. Fill area no more than 3mm thick at a time.

b. Cure 20-40 seconds.

c. Add additional resin and cure as necessary.

d. Wipe off the oxygen inhibition layer.

For Bleaching Reservoirs (Fig. 4&5)

a.Apply 0.5mm of LC Block-Out to the desired surfaces.

b. Keep resin approximately 1.5mm from the gingival margin.

c. Cure resin 20-40 sec. per area.

d. Wipe off the oxygen inhibition layer.

e. Fabricate custom tray.

### Precautions and warnings:

1. Carefully read and understand all instructions before using.

2. Dispose of tip and syringe properly.

3. Methacrylate resins can be sensitizing. Wear gloves and avoid repeated contact to skin. If allergic reaction, dermatitis or rash develops, consult a physician.

4. Re-cure syringe between uses and store at room temperature.

5. Verify flow before applying. If resistance is met, replace tip and re-check. Use only recommended tips.

6. LC Block-out is not intended for intraradical use.

\*Keep product out of direct sun and heat.

**NOTE:** For MSDS and additional information about using LC-Block-out or other related products, please go to [www.ultradent.com](http://www.ultradent.com)

## EN

## LC Block-Out Resin

### Beschreibung und Indikationen:

Ultradent LC Block Out ist ein viskös, lichthärtender, mit einer Spritze zu applizierender, blau pigmentierter Kunststoff auf Metacrylatbasis. Er ist für den Einsatz im Laboratorium konzipiert, um Räume im Bleachingbehälter zu schaffen oder Defektmodellen, für Laborarbeiten als Platzhalter oder das Ausblöcken von Unterschnitten und zum Reparieren kleiner Frakturen oder Fehlestellungen an zahnärztlichen Modellen.

### Gebruiksvoorschriften en waarschuwingen:

HINWEIS: Stenen/plaster modellen moet worden voor het aanbrengen des Kurstoffs sauber en droog zijn.

1. Verwijder de Luer cap.

2. Bevestig de werkende tip van keuze (Black Mini-tip).

3. Controleer de vloeistof voor de applicatie.

4. Gebruik een dunne stroom van resin op de oppervlakte van de model (Fig. 1).

5. Voor Model Repair of Block-out (Figs. 2&3)

a. Vullen de gebreken of leuning met resin.

b. Curing 20-40 seconden.

c. Voeg extra resin toe en herstellen.

d. Reinig de Sauerstoff-inhibitie-laag af.

e. Maak een custom tray.

### Vorrichtungsabnahmen und Warthinheiten:

1. Vor Gebrauch die gesamte Spritze sorgfältig lesen.

2. Den Tropfen und Spritze ordentlich.

3. Methacrylate Resine kann sensibilisieren. Wear gloves and avoid repeated contact to skin. If allergic reaction, dermatitis or rash develops, consult a physician.

4. Re-cure die Spritze zwischen Verwendung und speichern.

5. Überprüfen der Fluss des Kunststoffs prüfen. Wenn Widerstand spüren wird, neue Anwendung und erneut verwenden.

6. LC Block-out ist nicht für intraradikale Anwendung bestimmt.

\*Keep product out of direct sun and heat.

**NOTE:** Für MSDS und additional information about using LC-Block-out or other related products, please go to [www.ultradent.com](http://www.ultradent.com)

## IT

## LC Block-Out Resin

### Descrizione e indicazioni:

Ultradent LC Block Out è una resina metacrilatica, a viscosità ideale, di colore blu, fotopolimerizzabile e disponibile in seringa. È indicata per un uso in laboratorio nella realizzazione di serbatoi sui modelli in gesso o per lo sbiancamento, come spazzatore e per la riparazione di fratture o vuoti presenti nei modelli di laboratorio.

### Istruzioni per l'uso:

NOTA: I modelli in gesso/gesso devono essere puliti e asciutti prima di applicare la resina.

1. Rimuovere il cappuccio Luer.

2. Inserire il puntale (puntale Black Mini).

3. Prima di applicare la resina verificare il suo scorimento.

4. Agire con il pollice della mano sul pistone della seringa far uscire la resina sulla superficie del modello (Fig. 1).

5. Per la riparazione dei modelli o il blocco di solforatoquid (Fig. 2 e 3)

a. Riempire l'area con uno spessore non superiore a 3 mm per volta.

b. Fotopolimerizzare per 20-40 secondi.

c. Applicare la resina elettricamente come di consueto.

d. Rimuovere lo strato iniziale da essiccato.

Per serbatoi su maschere individuali (Fig. 4 e 5)

a. Applicare 0.5 mm di resina LC Block-Out sulle superfici da trattare.

b. Tenere la resina a circa 1.5 mm dal margine gingivale.

c. Fotopolimerizzare per 20-40 secondi per area.

d. Rimuovere lo strato iniziale da essiccato.

e. Realizzare ora la maschera individuale.

Precauzioni e avvertenze:

1. Leggere attentamente tutte le istruzioni prima dell'uso.

2. Serrare correttamente il puntale e la seringa.

3. Le resine metacrilatiche possono indurre a sensibilizzazione. Indossare guanti e evitare il contatto ripetuto della resina non polimerizzata con la pelle. Se si dovesse verificare una reazione allergica, una dermatite o un'irritazione cutanea, rivolgerti ad un medico.

4. Dopo l'uso richiudere sempre la seringa e conservarla a temperatura ambiente.

5. Verificare lo scorimento prima dell'applicazione. Se si dovesse sentire una resistenza, sostituire la seringa e ripetere l'operazione.

6. LC Block-Out non è indicato per un uso intraradicolare.

7. Terminate il prodotto lontano da fonti dirette di calore e di luce.

NOTA: Per il foglio di dati di sicurezza e informazioni additional sobre el uso de LC Block-Out u otros productos relacionados, por favor visite [www.ultradent.com](http://www.ultradent.com).

## LC Block-Out Resin

### Descripción e indicaciones:

Ultradent LC Block Out es una resina utilitaria metacrilática, de color azul, fotopolimerizable y disponible en seringa. Es indicada para un uso en laboratorio en la realización de serbatoios sui modelos en gesso o para el blanqueamiento. Como spazzatore y para la reparación de grietas o huecos presentes en modelos de laboratorio.

### Instrucciones para el uso:

NOTA: Los modelos de yeso deben estar limpios y secos antes de aplicar la resina.

1. Retirar el círculo Luer.

2. Insertar el punto (puntal Black Mini).

3. Primero de aplicar la resina verificar su scorrimiento.

4. Agregar con el pulgar de la mano el pistón de la seringa para sacar la resina sobre la superficie del modelo (Figura 1).

5. Para la reparación de Modelos o Bloques (Figs. 2 y 3)

a. Rellenar la zona con un máximo de 3mm de espesor a la vez.

b. Fotopolimerizar por 20 - 40 segundos.

c. Aplicar la resina elettricamente como de costumbre.

d. Retirar el estrato inicial de oxigeno.

Para serbatoios su máscaras individuales (Fig. 4 e 5)

a. Aplicar 0.5 mm de resina LC Block-Out sulas superficies deseadas.

b. Mantener la resina a circa 1.5 mm de la margen gingival.

c. Fotopolimerizar por 20 - 40 segundos por zona.

d. Retirar la capa de inhibición por oxígeno.

e. Fabricar la máscara individual.

Precauciones y advertencias:

1. Leer y comprender todas las instrucciones antes de utilizar.

2. Desmarcar la punta y la seringa de forma adecuada.

3. Las resinas metacriláticas pueden irritar. Utilice guantes y evite el contacto de la resina con la piel o con ropa interior.

4. Verifique la temperatura ambiente.

5. Verifique el flujo antes de aplicar. De sentir resistencia, cambie la punta y controle nuevamente.

6. Verifique la seringa antes de usar.

7. Mantener el producto lejos del calor / luz solar.

NOTA: Para ver las fichas de seguridad e informaciones adicionales sobre la utilización de LC Block-Out u otros productos relacionados, visite [www.ultradent.com](http://www.ultradent.com).

## DA

## LC Block-Out Resin

### Kuvaus ja käytäntö:

Ultradent LC Block Out -rakennus- ja eristämisen, valkovalkeatetta, metacrylaattimainen, syringailla annettava resini. Se on tarkoitettu käytäväksiksi hammaslaboratoriossa valakuusauksineen lähdön valmistamista varten kipismallien sekä laboratoriotoimistotyössä, joissa tarvitaan väliä tai symmetriä rajastamista ja laboratoriomallien pitäminen taakseen korjattavaksi.

### Brûskitiedot:

BRUKSARTIKELI: Ultradent Block Out sisältää metacrylaattimaisen resinan.

BRUKSARTIKELI: Ultradent Block Out sisältää

## LC Block-Out Resin

产品说明与适应症：

Ultradent LC Block Out是一种以异丙烯酸盐为基质，并通过述活性树脂的粘合固化来应用的树脂。该产品可用于牙齿修复操作，比如在石膏模型上制作临时牙桥，封闭托盘或者倒凹，以及对义齿或模型小的裂缝或空洞进行修整。

注意：涂抹树脂前须对石膏/石膏模型进行清洁和干燥。

1. 手戴乳胶手套。

2. 使用塑料针头。(Black Mini针头)。

3. 涂抹前请检查树脂是否顺畅。

4. 用手轻轻拍打住注射器，将树脂涂抹到模型表面（图5）。

5. 模型修整或密接封闭（图4和3）。

a. 在牙科石膏表面上涂上0.5mm的LC Block-Out树脂。

b. 确保树脂距离龈缘约1.5mm。

c. 等待树脂固化约40秒。

d. 擦掉多余的树脂。

e. 制作托盘。

预防措施和警告：

1. 使用前仔细阅读并理解说明的所有内容。

2. 以适当的量使用树脂。

3. 早产儿可能需要过早，操作时请戴手套，同时避免皮肤接触未固化的树脂胶体。如果出现过敏，皮炎及湿疹，请就医治疗。

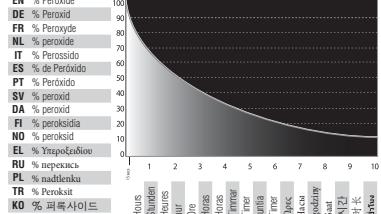
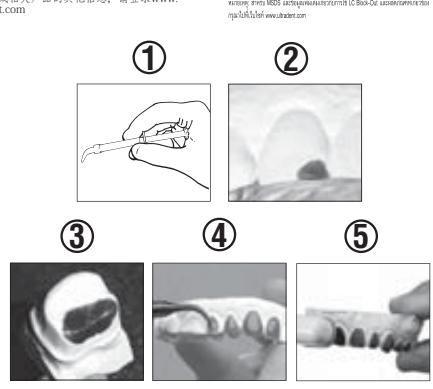
4. 请勿吞咽树脂，以免窒息。

5. 使用前检查是否是密封的，如果有阻力，请更换托盘并重新检测。

请使用塑料针头。

6. LC Block-Out树脂不能在口腔内涂抹。

注意：查看化学品安全技术说明书和使用LC Block-Out树脂或相关产品的其他信息，请登录www.ultradent.com



Sustained Release Test: After dental examination and prophy, Opalescence-filled customized tray (plastic membrane) was inserted. Small quantities of gel were removed at various intervals during the night for analysis of active ingredient.

Sustained release: Nach der zahnärztlichen Untersuchung und Prophylaxe wurde die mit Opalescence gefüllte individuelle Tiefziehschiene (Kunststoff-Folie) eingesetzt. Während der Nacht wurden kleine Mengen des Gels in diversen Abständen entnommen, um den prozentualen Anteil der aktiven Wirkstoffe zu ermitteln.

Test de libération prolongée: Après un examen dentaire et une prophylaxie, le porte-empreinte personnalisé rempli d'Opalescence (matériau en plastique) a été inséré. Des petites quantités de gel ont été enlevées à intervalles réguliers pendant la nuit pour déterminer la pourcentage de l'ingrédient actif.

Testen van langdurige afgifte: na handelreiniging en prophy werd de met Opalescence gevulde, individuele Tiefziehschiene (plastiek membraan) aangebracht. Klein hoeveelheden gels werden gedurende de nacht voor analyse van de actieve ingrediënten verwijderd.

Prova di rilascio continuato: Dopo l'esame dentario e la profilassi, è stato inserito un vassoio personalizzato (membrana plastica) riempito di Opalescence. Sono state rimesse piccole quantità di gel a brevi intervalli durante la notte per l'analisi del per centuale di ingrediente attivo.

Test de liberación sostenida: Aplicó un examen dental y profilaxis, se insertó el cubeta personalizada (membrana plástica) cargada con Opalescence. Se fueron retirando pequeñas porciones de gel a intervalos diferentes a través de la noche para analizar el porcentaje de ingrediente activo.

Test de liberación sostenida: Après un examen dentaire et profilaxie, se inseró la cubeta personalizada encima Opalescence (membrana plástica). Pequeñas cantidades de gel fueron removidas a varios intervalos a lo largo de la noche para analizar el porcentaje de ingrediente activo.

Test, längsamt fräsigning Efter dental undersökning samt profilax med Opalescence i. Små mängder gel avlägsnades med olika intervall under natten för att analysera den aktiva ingrediensprocenten.

Deprivierungstest: Etter tandundersøkelse og profilaks ble en spesiell tilpasset skinnemodell med Opalescence og instert. Små mengder gel ble fjernet ved forskjellige intervaller i løpet av natten for å analysere den prosentvis aktive stoffet.

Hidesta vapautumista koskeva testi: Tämpäiden tarkastusessa ja valmistuksen jälkeen Opalescence-väistäjätäytelyt yleisillä valmistimilla (muovikello) tehtytiin. Pieniä määriä gelia poistettiin eri väljöihin yhden alkana vakuuttautuvan annessiontutkijan määrityksien värien.

Testing of depivking: Efter tannundersökning och polering tillämpades en tillpassad plastmembran med Opalescence och sattes i. Små mängder gele ble fjernet med varierande mellanrum över natten, för att provsa det aktiva ingrediensen.

Test, längsamt fräsigning Efter dental undersökning samt profilax med Opalescence i. Små mängder gel avlägsnades med olika intervall under natten för att analysera den aktiva ingrediensprocenten.

IT: Testa på långvarig släpp: Etter en tandundersökning och en profilax, fylls en speciell tillpassad plastmembran med Opalescence och sätts i. Små mängder gel tas bort med olika intervall under natten för att analysera den aktiva ingrediensprocenten.

ES: Prueba de liberación sostenida: Despues de un examen dental y profilaxis, se insertó la cubeta personalizada encima Opalescence, se retiraron pequeñas cantidades de gel a intervalos diferentes a lo largo de la noche para analizar el porcentaje de ingrediente activo.

PT: Teste de liberação sostenida: Após um exame dental e profilaxia, foi inserido uma cubeta personalizada encima Opalescence (membrana plástica). Pequenas quantidades de gel foram removidas a vários intervalos ao longo da noite para analisar o porcentagem do ingrediente ativo.

DE: Test, längsamt fräsigning: Efter dental undersökning samt profilax med Opalescence i. Små mängder gel avlägsnades med olika intervall under natten för att analysera den aktiva ingrediensprocenten.

FR: Test de libération sostenida: Après un examen dentaire et une prophylaxie, une petite quantité de gel est retirée à intervalles réguliers au cours de la nuit pour analyser la pourcentage de l'ingrédient actif.

NO: Test, längsamt fräsigning: Etter en tandundersøkelse og profilaks ble en spesiell tilpasset skinnemodell med Opalescence og instert. Små mengder gel ble fjernet ved forskjellige intervaller i løpet av natten for å analysere den aktiva ingrediensprocenten.

RU: Тест на длительную вы свобождение: После приема и полировки, вставляется специальная модель из пластика с наполнителем Opalescence и оставляется на ночь. Потом извлекаются небольшие порции геля через различные промежутки времени в течение ночи для того, чтобы определить содержание активного вещества.

TR: Dökme testi: İlaç kullanımları, emziklerin ve çerezlerin, istenilen zamanlarda kullanıldığına inanılmaktadır. Opalescence ile yapılan临时牙桥模型被拔出后，从牙科石膏上取下，然后在牙科石膏上制作临时牙桥。

KO: 테스트 치약: 치약을 걸친 후 암치기 모형에 넣어두면 암치기 모형에 고정된다. 그 다음 치약을 빼면 치약이 모형에서 빠져나온다.

ZH: 牙胶测试：将牙胶放入临时牙桥模型中，然后将其放入石膏模型中，待其固化后取出牙胶，即可分析活性成分的百分比。

TH: การทดสอบของยาที่ติดตัว: หลังจากน้ำยาที่ติดตัวและยาฟอกฟันถูกนำออกจากช่องฟันแล้ว ยาที่ติดตัวจะยังคงอยู่ในรากฟันและฟันอ่อนไหวที่สุด。

TH: 临时牙桥模型测试：在临时牙桥模型中注入牙胶，然后将其放入石膏模型中，待其固化后取出牙胶，即可分析活性成分的百分比。

EN: Instructions for use:

1. Mix resin with a plastic syringe (Black Mini).

2. Insert into the tray.

3. Trim around the interdental papilla.

4. Use fingers to hold the tray.

5. Paint the surface of the model with LC Block-Out resin.

6. Wait until the resin has hardened (approx. 40 seconds).

7. Remove the resin from the tray.

8. Make a temporary bridge on the model.

9. Trim the bridge to fit the teeth.

10. Add LC Block-Out resin to the bridge.

11. Wait until the resin has hardened (approx. 40 seconds).

12. Remove the resin from the bridge.

13. Make a final impression of the teeth.

14. Add LC Block-Out resin to the final impression.

15. Wait until the resin has hardened (approx. 40 seconds).

16. Remove the resin from the final impression.

17. Make a final temporary bridge.

18. Trim the bridge to fit the teeth.

19. Add LC Block-Out resin to the bridge.

20. Wait until the resin has hardened (approx. 40 seconds).

21. Remove the resin from the bridge.

22. Make a final permanent bridge.

23. Trim the bridge to fit the teeth.

24. Add LC Block-Out resin to the bridge.

25. Wait until the resin has hardened (approx. 40 seconds).

26. Remove the resin from the bridge.

27. Make a final permanent bridge.

28. Trim the bridge to fit the teeth.

29. Add LC Block-Out resin to the bridge.

30. Wait until the resin has hardened (approx. 40 seconds).

31. Remove the resin from the bridge.

32. Make a final permanent bridge.

33. Trim the bridge to fit the teeth.

34. Add LC Block-Out resin to the bridge.

35. Wait until the resin has hardened (approx. 40 seconds).

36. Remove the resin from the bridge.

37. Make a final permanent bridge.

38. Trim the bridge to fit the teeth.

39. Add LC Block-Out resin to the bridge.

40. Wait until the resin has hardened (approx. 40 seconds).

41. Remove the resin from the bridge.

42. Make a final permanent bridge.

43. Trim the bridge to fit the teeth.

44. Add LC Block-Out resin to the bridge.

45. Wait until the resin has hardened (approx. 40 seconds).

46. Remove the resin from the bridge.

47. Make a final permanent bridge.

48. Trim the bridge to fit the teeth.

49. Add LC Block-Out resin to the bridge.

50. Wait until the resin has hardened (approx. 40 seconds).

51. Remove the resin from the bridge.

52. Make a final permanent bridge.

53. Trim the bridge to fit the teeth.

54. Add LC Block-Out resin to the bridge.

55. Wait until the resin has hardened (approx. 40 seconds).

56. Remove the resin from the bridge.

57. Make a final permanent bridge.

58. Trim the bridge to fit the teeth.

59. Add LC Block-Out resin to the bridge.

60. Wait until the resin has hardened (approx. 40 seconds).

61. Remove the resin from the bridge.

62. Make a final permanent bridge.

63. Trim the bridge to fit the teeth.

64. Add LC Block-Out resin to the bridge.

65. Wait until the resin has hardened (approx. 40 seconds).

66. Remove the resin from the bridge.

67. Make a final permanent bridge.

68. Trim the bridge to fit the teeth.

69. Add LC Block-Out resin to the bridge.

70. Wait until the resin has hardened (approx. 40 seconds).

71. Remove the resin from the bridge.

72. Make a final permanent bridge.

73. Trim the bridge to fit the teeth.

74. Add LC Block-Out resin to the bridge.

75. Wait until the resin has hardened (approx. 40 seconds).

76. Remove the resin from the bridge.

77. Make a final permanent bridge.

78. Trim the bridge to fit the teeth.

79. Add LC Block-Out resin to the bridge.

80. Wait until the resin has hardened (approx. 40 seconds).

81. Remove the resin from the bridge.

82. Make a final permanent bridge.

83. Trim the bridge to fit the teeth.

84. Add LC Block-Out resin to the bridge.

85. Wait until the resin has hardened (approx. 40 seconds).

86. Remove the resin from the bridge.

87. Make a final permanent bridge.

88. Trim the bridge to fit the teeth.

89. Add LC Block-Out resin to the bridge.

90. Wait until the resin has hardened (approx. 40 seconds).

91. Remove the resin from the bridge.

92. Make a final permanent bridge.

93. Trim the bridge to fit the teeth.

94. Add LC Block-Out resin to the bridge.

95. Wait until the resin has hardened (approx. 40 seconds).

96. Remove the resin from the bridge.

97. Make a final permanent bridge.

98. Trim the bridge to fit the teeth.

99. Add LC Block-Out resin to the bridge.

100. Wait until the resin has hardened (approx. 40 seconds).

101. Remove the resin from the bridge.

102. Make a final permanent bridge.

103. Trim the bridge to fit the teeth.

104. Add LC Block-Out resin to the bridge.

105. Wait until the resin has hardened (approx. 40 seconds).

106. Remove the resin from the bridge.

107. Make a final permanent bridge.

108. Trim the bridge to fit the teeth.

109. Add LC Block-Out resin to the bridge.

110. Wait until the resin has hardened (approx. 40 seconds).

111. Remove the resin from the bridge.

112. Make a final permanent bridge.

113. Trim the bridge to fit the teeth.

114. Add LC Block-Out resin to the bridge.

115. Wait until the resin has hardened (approx. 40 seconds).

116. Remove the resin from the bridge.

117. Make a final permanent bridge.

118. Trim the bridge to fit the teeth.

119. Add LC Block-Out resin to the bridge.

120. Wait until the resin has hardened (approx. 40 seconds).

121. Remove the resin from the bridge.

122. Make a final permanent bridge.

123. Trim the bridge to fit the teeth.

124. Add LC Block-Out resin to the bridge.

125. Wait until the resin has hardened (approx. 40 seconds).

126. Remove the resin from the bridge.

127. Make a final permanent bridge.

128. Trim the bridge to fit the teeth.

129. Add LC Block-Out resin to the bridge.

130. Wait until the resin has hardened (approx. 40 seconds).

131. Remove the resin from the bridge.

132. Make a final permanent bridge.

133. Trim the bridge to fit the teeth.

134. Add LC Block-Out resin to the bridge.

135. Wait until the resin has hardened (approx. 40 seconds).

136. Remove the resin from the bridge.

137. Make a final permanent bridge.

138. Trim the bridge to fit the teeth.

139. Add LC Block-Out resin to the bridge.

140. Wait until the resin has hardened (approx. 40 seconds).

141. Remove the resin from the bridge.

142. Make a final permanent bridge.

143. Trim the bridge to fit the teeth.

144. Add LC Block-Out resin to the bridge.

145. Wait until the resin has hardened (approx. 40 seconds).

146. Remove the resin from the bridge.

147. Make a final permanent bridge.

148. Trim the bridge to fit the teeth.

149. Add LC Block-Out resin to the bridge.

150. Wait until the resin has hardened (approx. 40 seconds).

151. Remove the resin from the bridge.

152. Make a final permanent bridge.

153. Trim the bridge to fit the teeth.

154. Add LC Block-Out resin to the bridge.

155. Wait until the resin has hardened (approx. 40 seconds).

156. Remove the resin from the bridge.

157. Make a final permanent bridge.

158. Trim the bridge to fit the teeth.

159. Add LC Block-Out resin to the bridge.