

# PE 100 Crpna okna



# KRAH

PEHD CRPNO OKNO TRAJENOG UNUTRAŠNJEG PROMJERA DN/ID PREMA HRN EN 476 NAPRAVLJENO PREMA STATIČKOM PRORAČUNU PO ATV 127 IZ PE 100 CIJEVI PO HRN EN 13476 ZADANE VISINE H S ZAVARENIM DNOM IZ PE PLOČE DEBLJINE 20 MM S UGRAĐENIM SIDRIŠTIMA ZA BETONSKI PRSTEN ZA SPREČAVANJE UZGONA CRPNOG OKNA I PRIHVAT CRPNIH AGREGATA.

OKNO JE OPREMLJENO S USISNOM CIJEVI TRAJENOG PROMJERA NAPRAVLJENOM IZ PE-100 CIJEVI (HRN EN 13476 ili HRN EN 12201) I IZLAZNOM CIJEVI TRAJENOG PROMJERA NAPRAVLJENOM IZ PE-100 CIJEVI SDR 17 PO HRN EN 12201.

OKNO JE OPREMLJENO OZRAČNOM CIJEVI I CIJEVI ZA PROLAZ ELEKTRIČNIH KABLOVA KAO I NOSAČEM ZA PRIHVAT VODILICA CRPKE I VJEŠALJKE ZA NOSAČE LANCA CRPKI.

U CRPNO OKNO INTEGRIRANE SU PENJALICE PO HRN EN 13101 MSS.

OKNO JE NAPRAVLJENO U SKLADU S HRN EN 13598-2. ZAVARIVANJE PO DSV 2207.

U CIJENU OKNA NIJE ZARAČUNATA ISPORUKA ARMIRANO BETONSKE PLOČE S LIJEVANO ŽELJEZNI POKLOPCEM.

CRPNA STANICA (naziv)	PROMJER CRPNOG OKNA DN/ID (mm)	VISINA OKNA H (mm)	USISNA CIJEV D (mm)	IZLAZNA TLAČNA CIJEV D (mm)
CS	2500 OP Profil	max 12000	prema projektu	prema projektu
CS	2200 OP Profil	max 12000	prema projektu	prema projektu
CS	2000 OP Profil	max 12000	prema projektu	prema projektu
CS	1800 OP Profil	max 12000	prema projektu	prema projektu
CS	1600 OP Profil	max 12000	prema projektu	prema projektu
CS	1400 VW Profil	max 12000	prema projektu	prema projektu
CS	1200 VW Profil	max 12000	prema projektu	prema projektu
CS	1000 VW Profil	max 12000	prema projektu	prema projektu
CS	800 VW Profil	max 12000	prema projektu	prema projektu



PE CRPNO OKNO NAPRAVLJENO IZ PE 100 CIJEVI UNUTRAŠNJE PROMJERE 1500. POHRN EN 476 HRN EN 13476 ZADANE VISINE 4410 mm S ZAVARENIM DNOM IZ PE PLOČE DEBLJINE 20mm SA UGRAĐENIM SIDRIŠTAV ZA BETONSKI PRSTEN ZA SPREČAVANJE UZGONA I PRIHVAT CRPNIH AGREGATA. OKNO JE OPREMLJENO S USISNOM CIJEVI TRAJENOG PROMJERA IZ PE-100 CIJEVI (HRN EN 13476 ili HRN EN 12201) I IZLAZNOM CIJEVI TRAJENOG PROMJERA NAPRAVLJENOM IZ PE-100 CIJEVI SDR 17 PO HRN EN 12201.

Borsate HE 3490 US 1:20 KRAH d.o.o.  
20.07.12 av/2012-07-20 PE 100 crpna okna





1. PE – 100 cijevi s glatkom unutrašnjom i profiliranom vanjskom površinom po HRN EN 13476 – 3 oblik B za netlačnu podzemnu odvodnju i kanalizaciju DN/ID 300 - 3000. Standardne dužine cijevi su 6 metara. Cijevi imaju u naglavku integriranu elektro – fuzijsku spojnicu. Statički proračun po ATV – DVWK - A 127, ugradnja i ispitivanje po HRN EN 1610. Zavarivanje po DSV 2207. Nadzor i kontrola proizvodnje IGH d.d. Zagreb.

2. PE-100 monolitno reviziono okno po HRN EN 13598 - 2 (PROLAZNO za cijevi do DN 700 i TANGENCIJALNO DN 800 – 3000) napravljeno iz tijela okna prema statičkom izračunu ATV – DVWK – A 127 iz VW cijevi zadane visine H, opremljeno PEHD stupaljka po HRN EN 13101 MSS. Okna su opremljena ulazom D1 (priključcima P3 i P4) i izlazom D2. Ugradnja i ispitivanje po HRN EN 1610. Spoj okna i cijevi s E - spojnicom. Zavarivanje po DSV 2207. Nadzor i kontrola proizvodnje IGH d.d. Zagreb.

3. PE 100 reviziona okna za korugirane cijevi, MONOLITNA PROLAZNA zavarene izvedbe napravljena su iz tijela okna cijevi po statičkom izračunu ATV – DVWK –A 127 iz VW cijevi traženog unutrašnjeg promjera i zadane visine H opremljene s PEHD stupaljka po HRN EN 13101 MSS. Okna su opremljena izlazom D1 ulazom D2 i prolaznom kinetom i dnom napravljenom iz PE ploče sve po HRN EN 13598 - 2. Prostor između kinete i dna okna ispunjen je betonom što garantira sigurnost na uzgon kod ugradnje u podzemnoj vodi. Reviziona okna spajaju se na sustav s korugiranim cijevima po HRN EN 13476-3 s gumenom brtvom. Nadzor i kontrola proizvodnje IGH d.d. Zagreb.

4. PEHD spremnici i retencije za pitku, oborinsku ili fekalnu vodu napravljeni iz PE 100 cijevi nazivnih promjera po HRN EN 476 i HRN EN 13476 po statičkom izračunu po ATV – DVWK – A 127 i PE 100 ploča. Zavarivanje po DSV 2207.

**INSTITUT GRAĐEVINARSTVA HRVATSKE d.d.**  
 IGH Cert  
**CERTIFIKAT TVORNIČKE KONTROLE PROIZVODNJE**  
 Certificate of factory production control  
 BR. 23-072/06

Prema članku 14. stavak 1. Zakona o gradnji - NN 175/2003, 100/2004 ostvareno potvrđuje se da je proizvedene cijevi i fuzijske spojnice za odvodnju od PE-100 oznake profila PR21, PR24, PR42 i PR54 ispravno izrađene.

**KRAH PE-100**  
 DN 300 mm do DN 3000 mm

proizvedeno u tvornici:  
**KRAH d.o.o. POGON VROGORAC**  
 Jasna Račica 23, 21276 Vrgorac

proizvođač potpisuje potpisom sigurnosti tipa proizvoda, tvornički kontrolni proizvodnje i dodatni sigurnosni znakovi u tvornici u skladu s propisima glavnim sigurnosni i da je:

instituti građevinarstva Hrvatske, d.d.  
 IGH Cert  
 Jasna Račica 1, 10000 Zagreb

ovaj certifikat potvrđuje da su proizvedene odredbe koje su odobreni na potvrđivanje tvorničke kontrole proizvodnje opasne u smislu DIN 10881-2:2009 za profilirane cijevi i fuzijske spojnice prikladne.

DIN 10881-1:2008  
 Certifikat je važeći u skladu s IGH-ovim sigurnosni broj 23-072/06.

Datum odobrenja: 2008-08-01  
 Rok važenosti: do opozicije

**IGH Certifikacijski odobrenje**  
 MSc. Manja Brestac, dipl.ing.

**BUREAU VERITAS**  
 Certifications

Certifikat  
 d.o.o.

**KRAH d.o.o.**

PROIZVOĐAČA PEHD SPREMIŠTA IZ OBLASTI KANALIZACIJE I ODVODNJE  
 OBLASTI, TILNOVA I FIZIČKOG KODIŠA TE PROGLAŠA NA  
 DOBAČEM I PROJEKCIJOM TRŽIŠTU

**ISO 9001:2008**  
**ISO 14001:2004**

IGH Cert

Institut IGH d.d.  
 IGH Cert

**POTVRDA O TVORNIČKOJ KONTROLI PROIZVODNJE**  
 1/05-ZGP-1159

U skladu sa Zakonom o gradnji i građevinske proizvodnje i kontrolirane proizvodnje (Zakonski list broj: 103/03, 103/04, 103/05, 103/06, 103/07, 103/08, 103/09, 103/10, 103/11, 103/12, 103/13, 103/14, 103/15, 103/16, 103/17, 103/18, 103/19, 103/20, 103/21, 103/22, 103/23, 103/24, 103/25, 103/26, 103/27, 103/28, 103/29, 103/30, 103/31, 103/32, 103/33, 103/34, 103/35, 103/36, 103/37, 103/38, 103/39, 103/40, 103/41, 103/42, 103/43, 103/44, 103/45, 103/46, 103/47, 103/48, 103/49, 103/50, 103/51, 103/52, 103/53, 103/54, 103/55, 103/56, 103/57, 103/58, 103/59, 103/60, 103/61, 103/62, 103/63, 103/64, 103/65, 103/66, 103/67, 103/68, 103/69, 103/70, 103/71, 103/72, 103/73, 103/74, 103/75, 103/76, 103/77, 103/78, 103/79, 103/80, 103/81, 103/82, 103/83, 103/84, 103/85, 103/86, 103/87, 103/88, 103/89, 103/90, 103/91, 103/92, 103/93, 103/94, 103/95, 103/96, 103/97, 103/98, 103/99, 103/100, 103/101, 103/102, 103/103, 103/104, 103/105, 103/106, 103/107, 103/108, 103/109, 103/110, 103/111, 103/112, 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