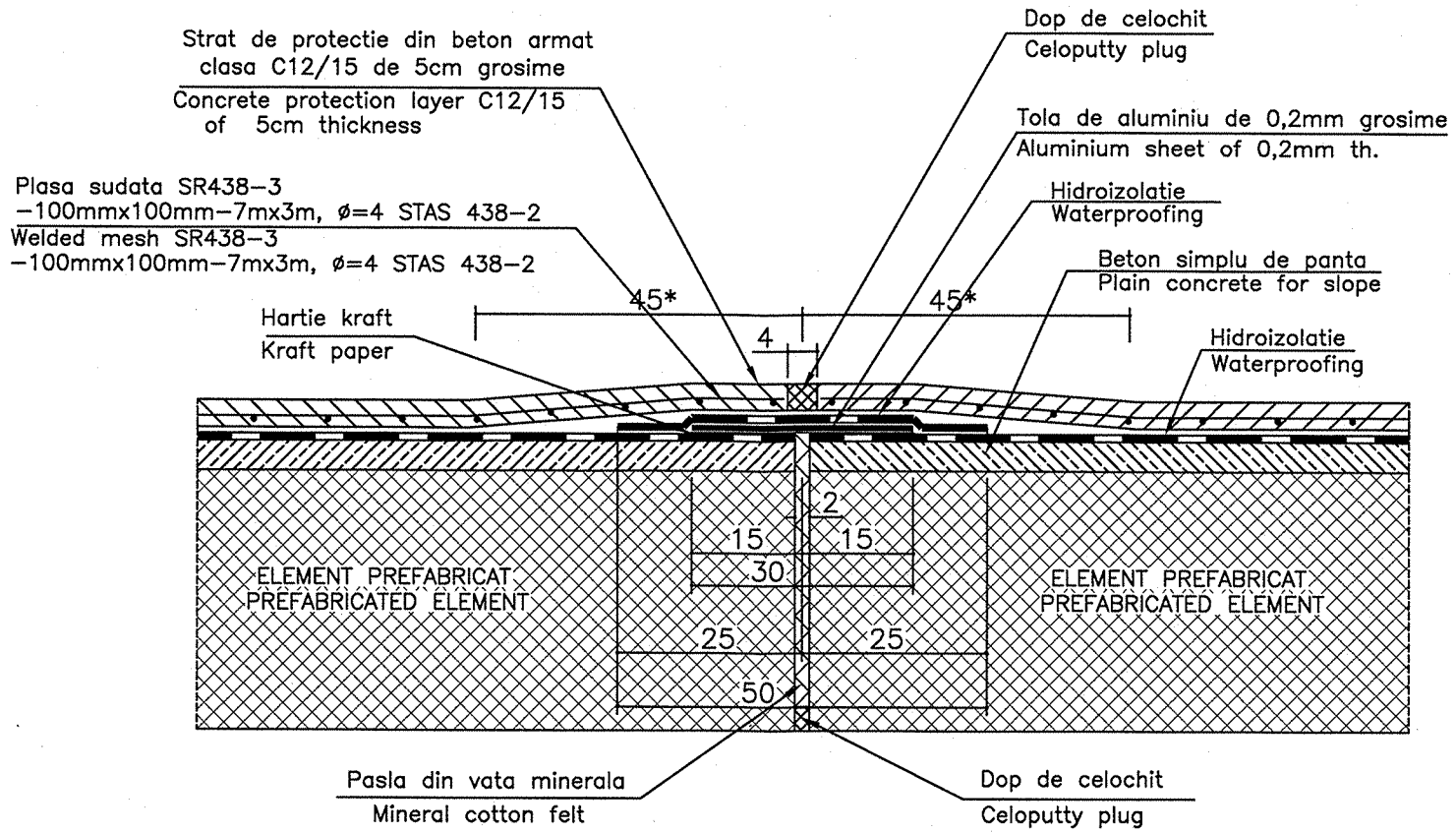
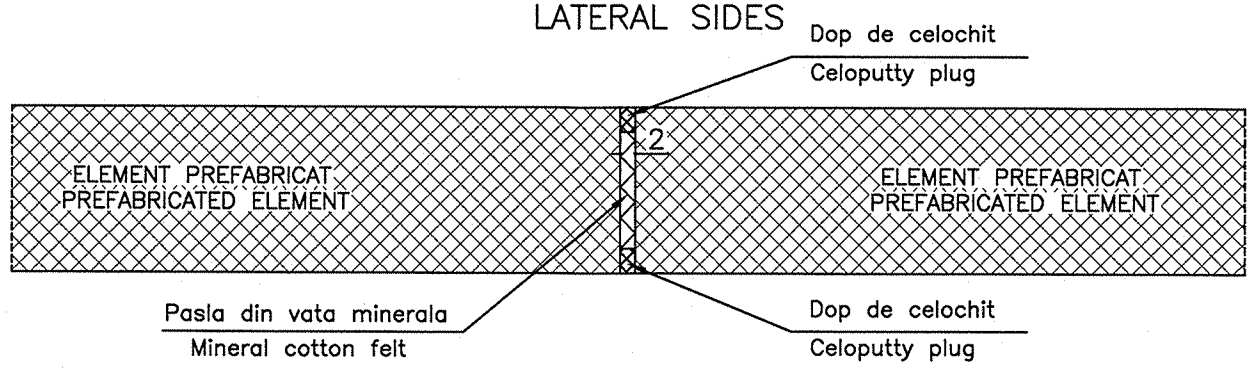
ACOPERIRE ROST INTRE ELEMENTELE PREFABRICATE
JOINT COVERING BETWEEN PREFABRICATED ELEMENTS

LA PARTEA SUPERIOARA
UPPER SIDE



PE PARTILE LATERALE
LATERAL SIDES



NOTA nr.2:
1. 45* pe aceasta zona stratul de protectie se toarna dupa realizarea acoperirii de rost;
2. Intre suprafata tolei si hidroizolatie se interpune o foaie de hartie Kraft.

NOTE nr.2:
1. 45* on this area the protection layer is cast after the joint covering ;
2. Kraft paper will be put between the aluminium sheet and waterproofing.

MEMBRANA PENTRU HIDROIZOLATII

Conditii de utilizare:
– grosimea minima a membranei 4mm;
– realizata pe baza de bitum aditivat;
– sa prezinte strat din granule minerale care sa asigure aderenta betonului de protectie;
– sa prezinte insertie de geotextil netesut din polistiren cu greutate min. 200g/mp;
– sa se aplice cu flacara in aderenta totala la suport.

Caracteristici fizico–mecanice:
– rezistenta la tractiune – longitudinal min. 180N/5cm;
– rezistenta la tractiune – transversal min. 120N/5cm;
– alungire la rupere – longitudinal min. 30%;
– alungire la rupere – transversal min. 30%;
– rezistenta la poansonare statica – min. 25kg(L4);
– flexibilitate la temperaturi scazute (dorn cu diametrul 20mm) – fara fisuri la –20°C;
– aderenta la suport – min. 0.53 MPa.

WATERPROOFING MEMBRANE

Using conditions:
– the minimum membrane thickness 4mm;
– additive bitumen membrane;
– it shall have a layer with mineral granule which should provide the protection concrete adherence;
– it shall have non–woven geo–textile insertion of polyester with minimum weight 200g/mp;
– it shall be applied by flame gluing in total adherence with the support.

Physical–mechanical properties:
– tensile strength – longitudinal min. 180N/5cm;
– tensile strength – transversal min. 120N/5cm;
– elongation ultimate – longitudinal min. 30%;
– elongation ultimate – transversal min. 30%;
– static punching resistence – min. 25kg(L4);
– low temperature flexibility (mandrel with 20mm diameter) – without cracks at –20°C;
– support adherence – min. 0.53 MPa.

NOTA nr.1
1. Acoperirea de rost se aplica la rostul corespunzator rostului dintre fundatii la urmatoarele tipuri de podete:
– la podetele cadru tip C1;C2;C3;
– la podetele boltite;
– la podetele dalate tip D4 si D5;
– la rostul dintre podetul existent si prelungirea podetului.
2. La podetele dalate rostul se executa pe betonul de panta, la celelalte rostul se executa direct pe elementele prefabricate.
3. Scurgerea apelor este asigurata de panta realizata la betonul de panta (la podetele dalate), respectiv de panta transversala a elementelor prefabricate la cadre si bolti.

NOTE nr.1
1. Joint covering is applied at the joint corresponding to the joint between foundations for the following types of culverts:
– at frame culverts type C1; C2; C3
– at vaulted culverts
– at slab culverts type D4 and D5
– at the joint between the existing culvert and culvert extension
2. At slab culverts the joint is executed on the slope concrete, and by the others, the joint is directly executed on the prefabricated elements
3. The discharge of water is ensured by the slope executed at slope concrete (at slab culverts), respectively cross slope of frames and vaults prefabricated elements.

PORA V. NICOLAE ROMANA MIPAT NR. 7741 VERIFICATOR PROIECTE

B			
A			
	Data / Date	Modificare / Modification / Revision	

BENEFICIAR/ BENEFICIARY : ROMANIAN RAILWAY NATIONAL COMPANY
AUTORITATEA DE IMPLEMENTARE/ IMPLEMENTUNG AUTHORITY: Ministerul Transporturilor / Ministry of Transports
AUTORITATEA CONTRACTANTA / CONTRACTING AUTHORITY: Ministerul Economiei si Finantelor Oficiul de Plati si Contractare Phare / Ministry of Economy and Finances Phare Payments &Contracting Office — CFCU
Contract / Contract: 1303/2007
Faza / Phase: PTh+DDE/ TP+DD
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Proiect finantat de UNIUNEA EUROPEANA / Project financed by EUROPEAN UNION — POS Transport 2007- 2013

Intocmit / Designed	Ing. Cristina Vara-Oros	Scara / Scale :	1:100
Verificat / Checked	Ing.Viorel ALDESCU	Data / Date :	05.2009
Sef echipa / Team leader	Ing. Stelian Vara-Oros		

PORTOFOLIU DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO
LOT 1
Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata
Technical assistance for preparing rehabilitation works required by railway tunnels and bridges

Denumire desen / Drawing Title :
Sucursala RCF /Railway district IASI. Linia cf /Railway line Darmanesti-Dornisoara
Podet / Culvert km 47+855
DETALIU ACOPERIRE ROST/JOINT COVERING DETAIL

Cod desen / Drawing Code: PT 23
Nr. / No: 10